STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING								FORI	_
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER TOHONADLA 35-P			
2. TYPE OF WORK DRILL NEW WELL (REENTER P8	&A WELL (DEEPE	EN WELI	L()		3. FIELD	OR WILDO	AT TOHONADLA	
4. TYPE OF WELL Oil We	II Coalb	ed Methane Well: NO				5. UNIT	or COMMUI	NITIZATION AGRE	EMENT NAME
6. NAME OF OPERATOR	NAVAJO NATION					7. OPER	ATOR PHON	IE 303 534-8300	
8. ADDRESS OF OPERATOR		ow Rock, AZ, 86515				9. OPERATOR E-MAIL LGerminario@nnogc.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)	20X 1133, Willa	11. MINERAL OWNE				12. SURI	FACE OWNE	RSHIP	
1420603229	- (fact)	FEDERAL INC	DIAN (IIII) STATE () FEE (FEDERAI		DIAN DIANE (If have 1	
13. NAME OF SURFACE OWNER (if box 12								R PHONE (if box 1	
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee')					16. SURI	FACE OWNE	R E-MAIL (if box 1	.2 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COM MULTIPLE FORMAT		LE PRODUCT	ION FROM	19. SLAN	NT		
NAVAJO NATION		YES (Submit C	Commin	gling Applicati	ion) NO 📵	VERTICA	L 📵 DIR	ECTIONAL 📄 HO	ORIZONTAL 🗍
20. LOCATION OF WELL	FO	OOTAGES	QT	TR-QTR	SECTION	том	VNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1219 F	SL 722 FEL		SESE	35	4:	1.0 S	21.0 E	S
Top of Uppermost Producing Zone	1219 F	FSL 722 FEL		SESE	35	4:	1.0 S	21.0 E	S
At Total Depth	1219 F	SL 722 FEL		SESE	35	4:	1.0 S	21.0 E	S
21. COUNTY SAN JUAN		22. DISTANCE TO NEAREST LEASE LINE (Feet) 1219			E (Feet)	23. NUM	BER OF AC	RES IN DRILLING (JNIT
		25. DISTANCE TO N (Applied For Drilling	g or Co		AME POOL	26. PROPOSED DEPTH MD: 6850 TVD: 6850			
27. ELEVATION - GROUND LEVEL 28. BOND N						29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 09-135			
ATTACHMENTS									
		Α.	TTACE	HMENTS					
VERIFY THE FOLLOWING	ARE ATTACH	IED IN ACCORCAN	CE WI	TH THE UT	TAH OIL AND G	AS CON	ISERVATIO	ON GENERAL RU	LES
WELL PLAT OR MAP PREPARED BY	LICENSED SUR	RVEYOR OR ENGINEE	R	сом	PLETE DRILLING	PLAN			
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRE	EMENT (IF FEE SURF	ACE)	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				TOPOGRAPHICAL MAP					
NAME Al Zier	T	TITLE Operations/Production Manager					PHONE 30	3 534-8300	
SIGNATURE	D	ATE 09/02/2010				EMAIL azier@nnogc.com			
API NUMBER ASSIGNED 43037500050000 APPROVAL Permit Manager			hager	Refill					

API Well No: 43037500050000

Proposed Hole, Casing, and Cement					
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)	
Cond	20	16	0	60	
Pipe	Grade	Length	Weight		
	Grade K-55 ST&C	1385	24.0		
	Grade J-55 LT&C	6835	17.0		

Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

Drilling Program

1. FORMATION TOPS

The estimated tops of important geologic markers are:

Formation	GL Depth	KB Depth	Elevation
Formation Carmel Sandstone	<u>ac beput</u> 0'	15'	+4,688
		December of the Control of the Contr	
Navajo Sandstone	273'	288'	+4,415'
Kayenta Sandstone	633'	645'	+4,055
Wingate Sandstone	663'	678'	+4,025
Chinle Shale	1,123'	1,138'	+3,565'
Shinarump Sandstone	1,683'	1,698'	+3,005'
Moenkopi Sand & Mud Stones	1,938'	1,953'	+2,750'
DeChelly Ss/Mdst/Shale	2,098'	2,113'	+2,590'
Organ Rock Shale/Sltst/Ss	2,301'	2,316'	+2,387
Lower Cutler Slts/Ss/Shale	3,023'	3,038'	+1,665'
Honaker Trail Ls/Sltst/Shale	4,063'	4,078'	+625'
Paradox Ls/Sltst/Marls/Shale	4,615'	4,630'	+73'
Ismay Ls/Dolo/Marls/Shale	4,912'	4,927'	-224'
Lower Ismay Ls/Dolo/Marls/Shale	4,998'	5,013'	-310'
Desert Creek Ls/Dolo/Marls/Shale	5,083'	5,098'	-395'
Akah Ls/Dolo/Anhy/Shale	5,283'	5,298'	-595'
Barker Creek Ls/Dolo/Anhy/Shale	5,470'	5,485'	-782'
Pinkerton Trail Ls/Dolo/Anhy/Shale	5,700'	5,715'	-1,012'
Molas Mudst/Slt/Ls/Shale	5,888'	5,913'	-1,200'
Leadville Limestone/Dolomite	6,063	6,068'	-1,375'
Total Depth (TD)	6,850'	6,865'	-2,162'

2. NOTABLE ZONES

Desert Creek and Ismay oil production is the primary goal. Upper Leadville oil



Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

production is the secondary goal. Oil and gas shows which appear to the well geologist to be commercial will be tested. All fresh water and prospectively valuable minerals will be recorded by depth and protected with casing and cement. Likely fresh water zones are the Glen Canyon group of sandstones.

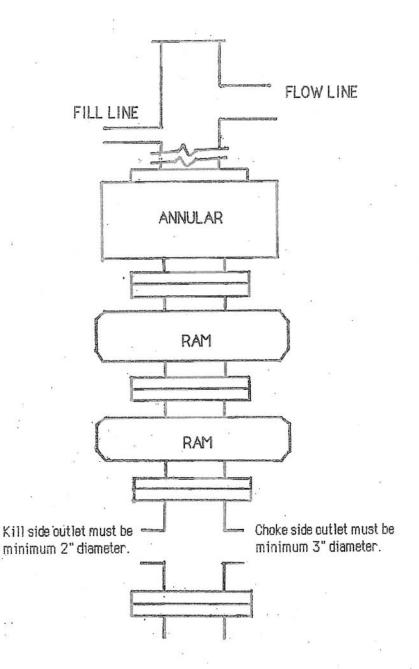
3. PRESSURE CONTROL

A 13-5/8" 3,000 psi double ram and annular preventer with a 3,000 psi choke manifold will be used. A diagram of a typical BOP is on Page 3. Actual model will not be known until bid is let. Procedures are ...

- Nipple up BOP and all equipment Test to 250 #/3,000# Test Hydril to 2,000 psi Log in I. A. D. C. book
- Drill 1/2 of shoe joint

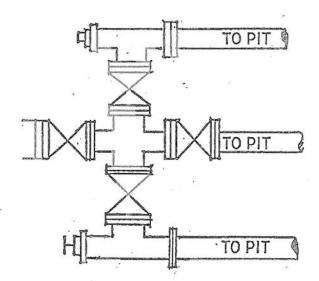
 Test to 1,500 psi for 30 minutes
 Log in I. A. D. C. book
- Activate BOPs every 24 hours or on trips and log in I. A. D. C. book
- Install hand wheels and lay straight flare line before drilling out
- Conduct weekly BOP drills with each crew and log in I. A. D. C. book
- Have floor valve and wrench on floor at all times
 Floor valve must be in open position
- Before drilling surface casing shoes, blind rams will be closed. BOP and surface casing will be pressure tested to 1,500 psi for a total test time of 30 minutes if not previously tested by Halliburton during cement job.
- Studs on all well head and BOP flanges will be checked for tightness weekly
- Hand wheels for locking screws will be installed and operational
- Entire BOP and well head assembly will be kept clean of mud
- A drill stem safety valve in the open position will be available
- Call BLM at (505 599-8900) and the Utah Division of Oil, Gas, & Mining at (801 538-5340) before testing BOPs





TYPICAL BOP STACK & CHOKE MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.



Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.

Upper kelly cock will have handle available.

Safety valve and subs will fit all drill string connections in use.

All BOPE connections subjected to well pressure will be flanged, welded, or clamped.



Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

4. CASING & CEMENT

Hole Size	O. D.	Weight	<u>Grade</u>	Age	Coupling	Burst/Collapse	Depth Set
20"	16"		Conductor	New			60'
12-1/4"	8-5/8"	24#	J or K-55	New	ST&C	2,950/1,370	1,400'
7-7/8"	5-1/2"	17#	J or K-55	New	LT&C	5,320/4,910	6,850'

Conductor pipe will be cemented to the surface with ready-mix.

Surface casing will be cemented to the surface with $\approx 50\%$ excess. Lead with ≈ 325 sacks (≈ 633 cubic feet) Halliburton light with 5 pounds per sack gilsonite + 1/4 pound per sack cellophane mixed at 12.4 pounds per gallon and 1.95 cubic feet per sack. Tail with ≈ 200 sacks (≈ 238 cubic feet) standard cement + 1% CaCl₂ + 1/4 pound per sack cellophane mixed at 15.6 pounds per gallon and 1.19 cubic feet per sack. Centralizers will be placed ≈ 5 ° off the bottom and on the first three joints and the fifth joint.

Production casing will be cemented with \approx 40% excess to \approx 1,200' (i. e., \geq 200' above surface casing shoe). Lead with \approx 510 sacks (\approx 994 cubic feet) Halliburton light with 5 pounds per sack gilsonite + 1/4 pound per sack cellophane mixed at 12.4 pounds per gallon and 1.95 cubic feet per sack. Tail with \approx 335 sacks (\approx 422 cubic feet) premium with 5 pounds per sack gilsonite + 0.6% Halad 9 + 0.25 CFR-3 mixed at 15.2 pounds per gallon and 1.26 cubic feet per sack. Centralizers will be set on the shoe joint, top of the second and third joints, and continue through and above pay zones at \approx 90' intervals.

MUD PROGRAM

<u>Interval</u>	Weight	Viscosity	Fluid Loss	Type
0 -1,400'	8.3 - 8.7	27 - 32	N/C	Fresh H ₂ O gel lime spud mud, pH 9
1,400' - TD	8.4 - 10.0	38 - 40	8 cc	Fresh water gel & PHPA, SAPP, etc

Cuttings will be collected every ≈30' from the surface to ≈5,500'. Cuttings



Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

will be collected every ≈10' from ≈5,500' to TD.

6. CORES, LOGS, & TESTS

Cores may be cut depending upon shows, most likely in the Desert Creek. GR - Sonic and DLL-Micro-SFL log suites will be run from TD to the surface. FDC-CNL logs will be run from TD to $\approx 4,000$ '. No drill stem tests are currently planned.

A geologist or mud logger will be on site from ≈4,000' to TD.

7. DOWN HOLE CONDITIONS

No abnormal temperatures or abnormal pressures are expected. Maximum expected bottom hole pressure will be $\approx 2,945$ psi. Hydrogen sulfide is expected in the Mississippian, just below the Pinkerton. A contingency plan is attached.

8. OTHER INFORMATION

The anticipated spud date is March 1, 2008. It is expected it will take \approx 3 weeks to drill and \approx 2 weeks to complete the well.

Navajo Nation Oil & Gas Co., Inc. is requesting an exception due to geology. The location is based on seismic. The well is staked at 1219' FSL & 722' FEL 35-41s-21e on 2,560 acre Tribal lease 14-20-603-229. Thus, it is 359' too far north.

Navajo Nation Oil & Gas Co., Inc. is requesting permission to drill at 1219' FSL & 722' FEL 35-41s-21e. This is the only well, existing or planned, in the



'APIWellNo:43037500050000'

Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

quarter-quarter. The closest (1,376') existing or planned well is ST Oil Company's existing Tohonadla 1 at 660 FS & 1980 FE 35-41s-21e. ST Oil Company is a partner in the Tohonadla 35-P.

Closest lease line is 1219' south. Navajo Nation Oil & Gas Co., Inc. or ST Oil Company is owner of all drilling units within a minimum 4,309' radius of the proposed exception. Five of the 8 offset quarter-quarters are part of the same lease. The three remaining offset quarter-quarters are part of jointly operated Navajo Nation Oil & Gas Co., Inc. and ST Oil Tribal 320 acre lease 14-20-603-270. The quarter-quarter (NESE Sec. 35) toward which the well encroaches is part of the same lease.

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Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

Surface Use Plan

1. DIRECTIONS (See PAGES 12 - 15)

From the junction of US 163 and US 191 west of Bluff

Go South 8-1/4 miles on US 191 to the equivalent of mile post 13.1

Then turn left and go Northeast 0.7 miles on a sandy road to the 23 #1 well

Then bear left and go Northeast 187.32' cross country to a surface pipeline

Then turn left and go Northwest 1,347.19' along the steel surface pipeline

Then turn right and go Northeast 356.7' cross country to the proposed pad

Roads will be maintained to at least equal to their present condition.

2. ROAD WORK (See PAGES 14 & 15)

No upgrade is needed for the existing road. The 1,891.21' of new road will be built to BLM Gold Book standards. Road will have a ≈ 14 ' wide running surface and will be rocked where needed. No culvert, vehicle turn out, or cattle guard is needed. Maximum disturbed width will be 20'. Maximum cut or fill = 3'. Maximum grade = 5%.

3. EXISTING WELLS (See PAGE 13)

There are 2 water, 4 oil, and 7 plugged wells within a mile radius. There are no gas or injection wells within a mile radius.

PROPOSED PRODUCTION FACILITIES (See PAGES 14 & 15)

A well head and gas powered pump will be installed on the pad. Both will be



Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

painted a flat Carlsbad tan. A 2,573.19' long \approx 4" O. D. steel pipeline will be laid along the road from the well to the existing separator and tank battery. The pipeline will be buried \approx 36" deep.

5. WATER SUPPLY

Water will be trucked from Monument Resources' well on private land in 30-40s-22e near Bluff. Water right number is 09-135.

6. CONSTRUCTION METHODS & MATERIALS (See PAGES 16 & 17)

The top 6" of soil and brush will be stripped and stockpiled east of the pad. The pit subsoil will be piled east of the pit and separate from the topsoil. A diversion ditch will be cut north of the pad. A minimum 12 mil plastic liner will be installed in the reserve pit. The reserve pit will be fenced sheep tight on 3 sides with woven wire fence topped with barbed wire. The fourth side will be fenced once the rig moves off. The fence will be kept in good repair while the pit dries. Once dry, contents of the reserve pit will be buried in place.

Rock will be bought and trucked from private land near Bluff.

7. WASTE DISPOSAL

All trash will be placed in a portable trash cage and hauled to the county landfill. Human waste will be disposed of in chemical toilets. Toilet contents will be hauled to a state approved dump station off the reservation.

8. ANCILLARY FACILITIES



Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

There will be no air strip or camp. Camper trailers will be parked on the pad for the company man, tool pusher, and mud logger.

9. WELL SITE LAYOUT

See PAGES 16 and 17 for drawings of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION

Reclamation starts once the reserve pit is dry, at which point it will be back filled. Liner top will be folded over contents and covered with \geq 24" of dirt. The reserve pit and any pad areas not needed for producing the well will be reclaimed as an interim measure. Once the well is plugged, the remainder of the pad and road will be reclaimed.

All reclamation will leave the terrain with a natural shape, slopes will be no steeper than 3 to 1, subsoil will be used to fill the reserve pit, all compacted areas will be ripped ≥12" deep with the contour, topsoil will be spread across all compacted areas and harrowed with the contour. A seed mix will be drilled as prescribed by BLM, BIA, or the Navajo Nation. Weeds will be controlled in accordance with BLM, BIA, or Tribal requirements.

11. SURFACE OWNER

All construction will be on Navajo Tribal surface. Tribal Project Review Office phone is (928) 871-6447. Address is P. O. Box 2249, Window Rock, Arizona, 86515.



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Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

12. OTHER INFORMATION

The nearest hospital is a $\approx 1-1/4$ hour drive away in Monticello. It is 3 blocks northwest of the intersection of US 491 and US 163/191. Hospital phone number is (435) 587-2116. Or dial 1-800-332-1911 from anywhere in the county. Give the operator the latitude and longitude (see section plat (which is the second page of the APD)) of the well.

Chuck Yarbrough (BIA) and Charles Black (Permits West) conducted an on site inspection on June 13.

13. REPRESENTATION & CERTIFICATION

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U. S. C. 1001 for the filing of false statements. Executed this <u>24th</u> day of <u>January</u>, <u>2008</u>.

Brian Wood, Consultant

Permits West, Inc.

37 Verano Loop, Santa Fe, NM 87508

(505) 466-8120

FAX: (505) 466-9682

Mobile: (505) 699-2276

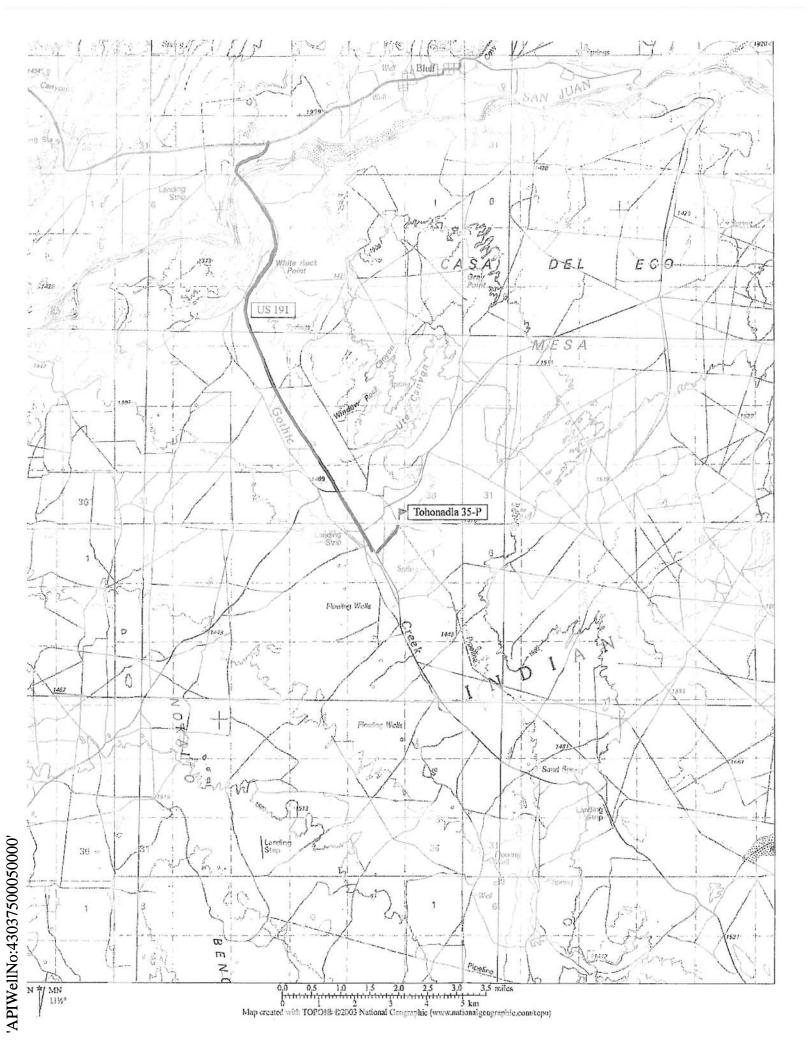


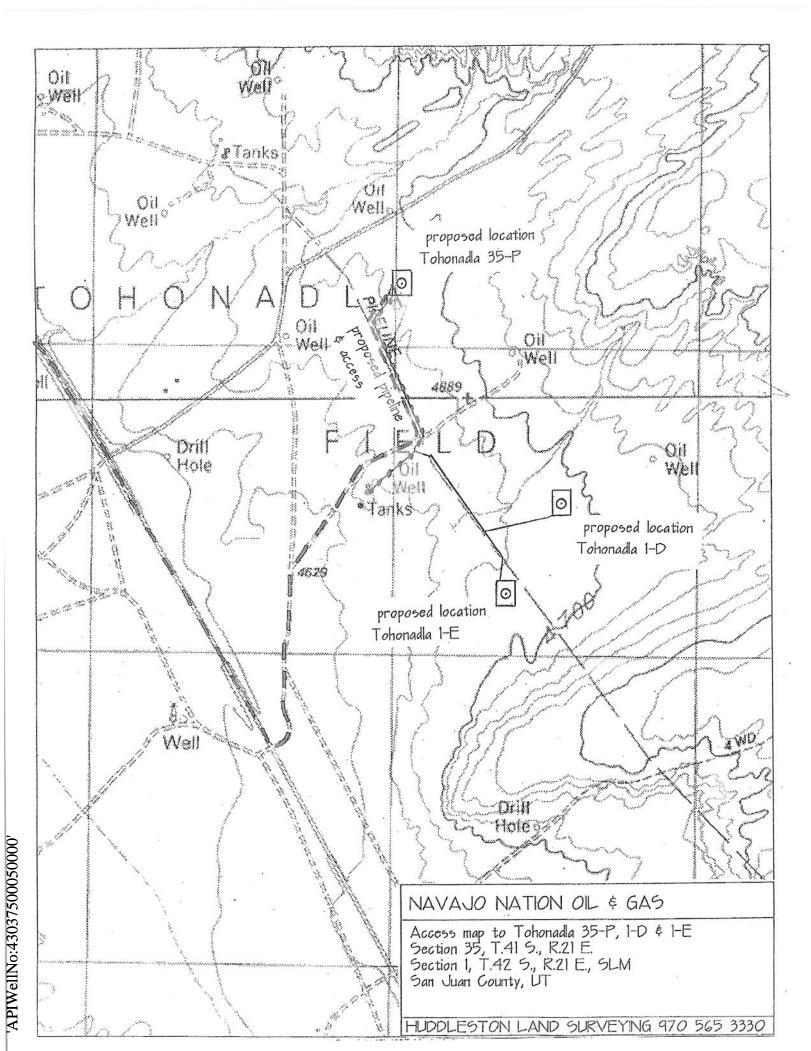
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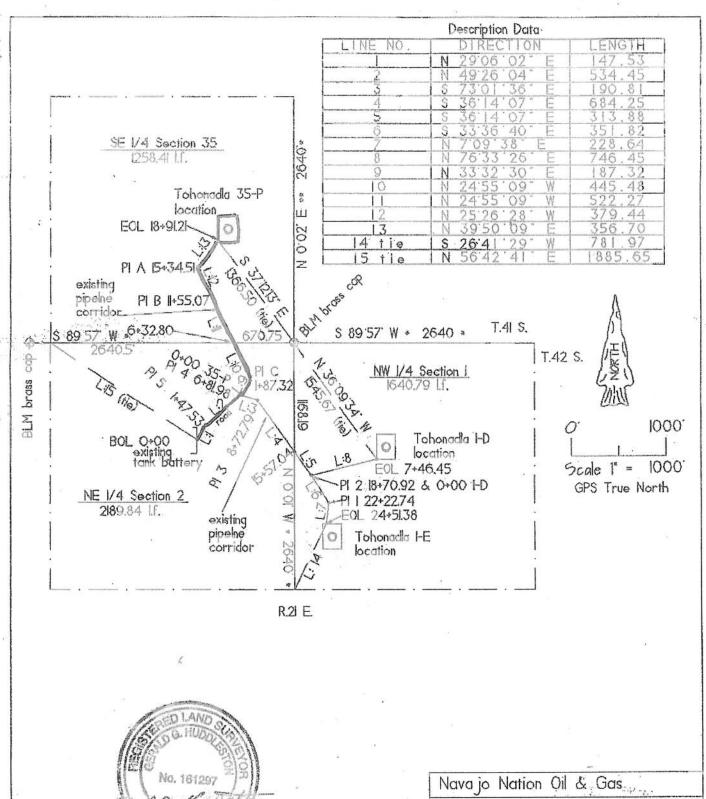
Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah

The field representative will be:

Wilson Groen Navajo Nation Oil & Gas Co., Inc. P. O. Box 4439 Window Rock, AZ 86515 (928) 871-4880







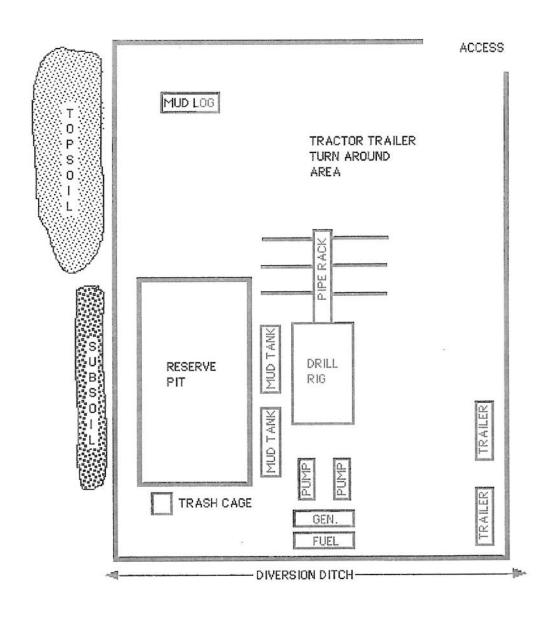
KNOW ALL PEN BY THESE PRESENTS that I Gerald G. Huddleston, do hereby certify that this plat was prepared from field notes of an actual survey mode by me or under my supervision and that the same is true and accurate to the best of my knowledge and belief.

Proposed pipeline & access to: Tohonadla HD, I-E & 35-P Section I & 2. T.42 S., R.21 E. Section 35, T.42 S., R.21 E. SLM San Juan County, UT

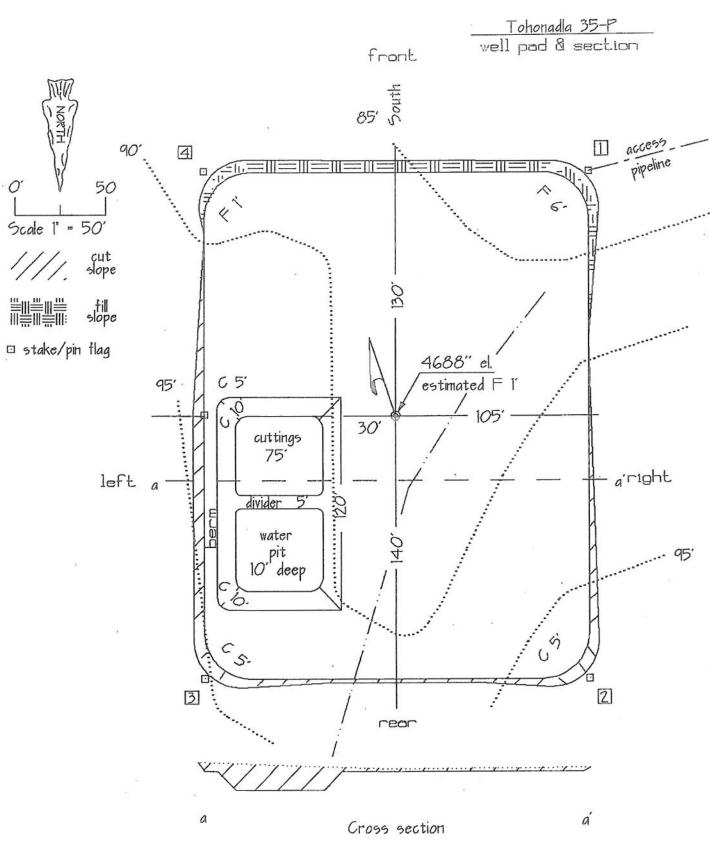
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Navajo Nation Oil & Gas Co., Inc. Tohonadla 23-P 1219' FSL & 722' FEL Sec. 35, T. 41 S., R. 21 E. San Juan County, Utah









Hydrogen Sulfide (H₂S) Contingency Plan For Navajo Nation Oil & Gas Co. Inc.'s

Tohonadla 1-D

1119' FNL & 1017' FWL Sec. 1 T42S R21E

Tohonadla 1-E

2081' FNL & 417' FWL Sec. 1 T42S R21E

Tohonadla 35-P

1219' FSL & 722' FEL Sec. 35 T41S R21E

San Juan County, Utah

Navajo Nation Oil & Gas, Inc Post Office Box 4439 Window Rock, Arizona 86515





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	1.2	H ₂ S First Aid and Treatment Procedures	2
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	2.2	Purpose	3
	2.3	Operating Procedures`	4
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Checklist for Drilling, Workover, and Maintenance in H2S Environment

- 1. Two safety briefing areas at least 100 yards from well head and arranged so that one briefing area will be upwind at all times. These sites should be located uphill whenever possible. (see Appendix 3.2)
- 2. Identify direction of prevailing winds (see Appendix 3.2)
- 3. At least two wind socks installed at all times
- 4. Primary and secondary emergency escape routes (flagged trail minimum)
- 5. Number, types, and storage location of H₂S emergency respirators for personnel, and number of personnel to be present onsite at any one time.
- 6. H₂S detector locations (3 minimum to include cellar or bell nipple and mud tanks at shale shaker). Type and location of visual and audible alarms to be used.
- H₂S evacuation and emergency training procedures and schedule (i.e. Contingency Plan)
- 8. List of area residents within a two-mile radius, evacuation plan, and contact list (including agencies and individuals)
- Types and quantities of mud additives and scavengers to be available at location for H₂S operations
- 10. Design features and operational procedures to be used to provide safe working environment (including a certification by the operator on the APD that all equipment meets standards for H₂S service)
- 11. Appropriate warning signs and flags on all access roads
- 12. Provisions for blocking and monitoring access to location during critical incident
- 13. Ventilation fan under rig floor
- In event of uncontrolled blowout, designation of local official who has authority to ignite flow
- 15. Swabbing or drillstream fluids containing H₂S should be put through a separator to permit flaring of gas. Flare should have a continuous pilot light to ensure ignition of all such gas.

1.0 General

1.1 Description of Hydrogen Sulfide Gas

Hydrogen Sulfide (H₂S) is a colorless, transparent gas with a distinct and characteristic rotten-egg odor at low concentrations and not detectable by odor at high concentrations. H₂S at higher concentrations and/or over longer periods of exposure paralyzes the olfactory sense for that specific ofer. The gas is extremely toxic to humans and can easily become dangerous and lethal. Extreme care and caution is needed to prevent injury and/or death. H₂S has a specific gravity of 1.192 which is heavier than air. It tends, therefore, to accumulate in low places. This collection of gas can lead to dangerous concentrations in areas such as arroyos and drainages. H₂S from "downhole" is often warmer than surface air and will therefore tend to rise and therefore affect workers above the escaping source. Hydrogen Sulfide is explosive and water soluble.

1.2 Toxicity

National Standards Institute standard: Z37.2-1972 Acceptable Concentrations of Hydrogen Sulfide describes H₂S toxicity in this way: Hydrogen Sulfide is an extremely toxic and irritating gas. Free hydrogen sulfide in the blood reduces its oxygen-carrying capacity, thereby depressing the nervous system. Hydrogen sulfide is oxidized quite rapidly to sulfates in the body, therefore no permanent aftereffects occur in cases of recovery from acute exposures unless oxygen deprivation of the nervous system is prolonged. There is no evidence that repeated exposures to hydrogen sulfide result in accumulative or systemic poisoning. Effects such as eye irritation, respiratory tract irritation, slow pulse rate, lassitude, digestive disturbances, and cold sweats may occur but these symptoms disappear in a relatively short time after removal from the exposure. Odors become detectable in concentrations low 800. million as as parts per (ppm) (California studies) but the sense of smell is lost after 2-15 minutes at 100 ppm.

1.3 H2S First Aid and Treatment Procedures

- Victim should be removed to fresh air immediately**
- If victim is not breathing, rescue breathing or artificial breathing should be started immediately
- o Treat for shock; keep victim warm and comfortable
- Call ambulance and/or doctor, take victim immediately to emergency room or other healthcare facility

**The rescuer(s) should always wear personal protective equipment when attempting to rescue a H_2S victim. It is important to never increase the number of victims unnecessarily during a H_2S emergency.

2.0 Hydrogen Sulfide H₂S Contingency Plan

2.1 Introduction

This plan provides required procedures to be followed to adequately provide for a safe H_2S working environment. These required procedures include safety procedures, precautionary measures, and training for emergency and standard procedures. This document sets forth the responsibilities of the operator and all individuals and entities under employment or contract with the operator working in a sour gas (H_2S) area.

To make this contingency plan effective and in order to provide a safe working environment, cooperation from all individuals in a necessity. To this end each person onsite must understand normal and emergency operating procedures for this site. Each individual onsite must have adequate information, training, and practice with the specific procedures described in this Contingency Plan. It is the responsibility of both the operator to provide adequate equipment, training, and procedures, as well as the individual "worker's" responsibility to participate fully in all H₂S procedures, to familiarize themselves with the location of all safety equipment and features, and to keep equipment and procedures in working order and up to date.

In order for Navajo Nation Oil & Gas, Inc. to provide a safe working environment for all "workers" and individuals in the vicinity of the well the safeguards are put in place. Initiative lies with each and every individual for the safety of all. To this end the drilling foreman is required to and will enforce all safety procedures, for the benefit of all involved.

2.2 Purpose

It is Navajo Nation Oil & Gas, Inc.'s intention to provide a safe working environment for all employees, contractors, and others involved with the drilling of its wells. There exists the possibility of encountering toxic H₂S gas during the construction, completion, and maintenance of the well. To such end, this H₂S contingency plan will be put into effect after surface casing is drilled or when it is deemed necessary by the BLM in consultation with Navajo Nation Oil & Gas, Inc.'s geologist and management.

Safety procedures are established for each person's safety connected with the operation and for the safety of the residents of the local area.

These procedures will be strictly enforced by Navajo Nation Oil & Gas, Inc.'s foreman. Noncompliance may result in loss of pay or dismissal from the sight, job, or employment.

2.3 Operating Procedures

Before this H₂S contingency plan is operational, all personnel that are to be involved with operation shall be thoroughly trained* in the proper use of breathing apparatus** (i.e. SCBAs and Escape Units), emergency procedures, and H₂S first aid and rescue methods. An approved list of trained personnel will be supplied by the safety company and stored with the drilling foreman.

*Required training for operation personnel will include, but not be limited to, H₂S safety course from an approved training company, safety briefing on drill site of all safety equipment use and locations before the start of work for each and every person onsite, safety related training in-place, on-site 1,000 feet before the first H₂S formation.

- **Throughout this contingency plan breathing apparatus shall be understood as
 - a) A Self-Contained Breathing Apparatus (SCBA) manufactured such as Scott Industrial c100 or similar.
 - b) Or an emergency Escape Unit such as the Scott SCRAM or Elsa (or similar) often referred to as hip packs, hoods, or pony bottles.

The two types of breathing apparatus will be differentiated as a SCBA or an Escape Unit as required.

2.3.1 Safety Equipment

<u>Personal H₂S monitors</u>- Every person onsite will be required to wear a personal H₂S monitor at all times while onsite. Monitors will not be worn on hard hats, but should be worn on the waist belt or preferably near the chest in-front.

Breathing Apparatus- all personnel on the drill site will be assigned an individual breathing apparatus unit. This may be either an escape unit or a SCBA unit. A minimum of two SCBA type units will be onsite. These units will be used by the team whose duty it is to serve as the onsite rescue team.

Monitoring and Recording Devices-An experienced safety company (such as DXP Safety Alliance, Farmington, NM) will responsible for the installation and monitoring of H₂S detectors placed on site. These units will be tested and recalibrated as the safety company requires. If H₂S is detected, the monitors will be tested and recalibrated at least every 12 hours. This monitoring system may or may not be integral to the required two stage alarm system on site. This two stage system (visual and audio) will have a minimum of three H₂S detector locations. Monitors will be located 1), in the cellar or on the bell nipple, 2), at the mud tanks' shale shaker, and 3), to be determined by the safety company. Visual (light) and audio (siren) will activate when H₂S concentrations reach 10 ppm.

<u>First-Aid and rescue equipment-Stored on-site</u>, but ideally up-hill and upwind from H₂S sources a minimum of one "rescue pack" will contain at least:

- 1 backboard, straps, headblocks
- a set of cervical collars (s-xl)
- o 1 bag valve mask
- 1 bottle of oxygen
- o gauze and other standard first-aid items

suggested 1 AED (automatic external defibrillator).

<u>Gas Monitor</u>-An appropriate monitor should be on-site that can measue for LLE, VOC, and other explosive or hazardous gasses.

2.3.2 Safety Procedures

<u>Cascade System</u>- Every person required to perform duties within "safety zones" (see list below) will be provided with breathing equipment attached to a cascade air system. These areas are as follows

- rig floor
- mud pit
- derrick
- shale shaker
- mud hopper and bulk hopper
- all hazardous locations will be accessible by hose and work pack (SCBA)

Escape Routes- Two escape routes will be at a minimum flagged and kept clear at all times.

<u>Safety Briefing Areas-Two</u> safety briefing areas will be located at the end of escape routes (see above). The briefing areas will be clearly marked, up-hill, and located so that one site is always up wind. Please see attached site map for safety briefing areas in Appendix 3.4.

<u>Safety</u>, <u>first-aid</u>, <u>and rescue equipment</u>-Will be stored properly onsite using best practices. This will include proper maintenance and scheduled testing, inspection, and training/practice.

Service companies All service companies will be briefed regarding potential hazards of the well site including the presence (or potential for) H₂S. These companies will be required to provide breathing apparatus and training to their employees. No service company personnel will be allowed onsite without meeting these requirements. In addition a safety briefing under the direction of the drill foreman regarding site specific H₂S procedures will be provided to each new personnel member reporting on-site.

<u>Drills and practice-</u> Drills reviewing all and any safety procedures including evacuation, rescue, and proper procedures to shut-in a well, and identify source of H₂S in instance of a leak will be practiced under the supervision of the safety company representative and company foreman. Proper use of breathing apparatus will be instructed during such drills. Drill schedule will be designed to familiarize new personnel with all safety procedures. Each crew should also be familiar with all operations. Drills should include a short work period in safety equipment.

Warning Signs- Warning signs will be posted at all access roads. "No smoking" signs will be posted at access points as well. Signs will be posted more than 200 feet and no more that 500 from well pad. When H₂S is present at 10 ppm or greater a red flag shall be displayed on the warning sign. Gates, road barricades, and/or gate guards will be used if necessary to prevent access during critical or hazardous situations.

<u>Wind Socks-</u> A minimum of two wind socks should be installed at locations easily observable from all work areas. If more than two windsocks are needed in order to allow "workers" at all times to easily identify the wind direction; more windsock will be installed.

<u>Vehicle Parking-</u> Vehicles should be parked 200ft from well site with their noses pointing away from the well site. Preferably vehicles will be located up hill and up wind from the well along the escape route.

Testing Fluids- Swabbing and testing fluids containing H₂S will be pass through a separator to permit flaring of the gas. There will be a pilot light in such instances.

<u>Bug Blowers</u>- Circulation will be provided by explosion proof electric fans to all critical locations when necessary.

Drills reviewing all and any safety procedures including evacuation, rescue, and proper procedures to shut-in a well, and identify source of H₂S in instance of a leak will be practiced under the supervision of the safety company representative and company foreman. Proper use of breathing apparatus will be instructed during such drills. Drill schedule will be designed to familiarize new personnel with all safety procedures. Each crew should also be familiar with all operations. Drills should include a short work period in safety equipment.

2.3.3 Working Conditions

Occupational Safety and Health Administration (OSHA) has set guidelines for Permissible Exposure Limits (PEL) This standard is to be considered the threshold never to be exceeded for the health and safety of all workers on this site. Ideally, exposure would never be this high.

2.3.3.1 Exposure Limits

OSHA Permissible Exposure Limit (PEL) for General Industry: <u>29 CFR</u> <u>1910.1000 Z-2 Table</u> — Exposures shall not exceed 20 ppm (ceiling) with the following exception: if no other measurable exposure occurs during the 8-hour work shift, exposures may exceed 20 ppm, but not more than 50 ppm (peak), for a single time period up to 10 minutes.

OSHA Permissible Exposure Limit (PEL) for Construction Industry: <u>29 CFR</u> <u>1926.55 Appendix A</u> -- 10 ppm, 15 mg/m³ TWA (accessed via the internet at: http://www.osha.gov/dts/chemicalsampling/data/CH_246800.html#exposure on 19 July 2007)

The maximum exposure limit for an 8 hour day is less than 10 ppm.

2.4 H2S Emergency Procedures

2.4.1 Incident

H₂S alarm system activation. Light and siren warnings or personal H₂S monitor activation for any one "worker."

2.4.2 Primary Emergency Procedure

- All rig crew personnel and all auxiliary personnel must DON BREATHING APPARATUS IMMEDIATELY.
- ii. Rig crew should mask up with SCBA type work packs preferentially
- iii. All auxiliary crew should move to safety briefing area, uphill and upwind.
- iv. All non-essential personal should continue to evacuate site.
- 2.4.3 Secondary Emergency Procedure
- I. Supervisory Personnel
 - i. Company Foreman
 - a. Proceed to cascade trailer and check for safe operation of cascade system
 - b. Proceed to active safety briefing areas and account for all personnel. If all personnel are not accounted for initiate appropriate search.
 - c. Return to drilling floor and supervise operations
 - ii. Toolpusher
 - a. Proceed to cascade trailer and check if Company Foreman is operating cascade system safely. If NOT ensure safe operations of the cascade system.
 - b. Proceed to drilling floor and supervise operations. Make sure all crew memebers are accounted for and institute buddy system. If all personnel are not accounted for, initiate appropriate search.

II. Rig Crew

- i. Driller
 - a. if drilling

- 1. after donning breathing apparatus proceed to console and raise Kelly to slip set position
 - 2. shut down mud pumps
 - 3. monitor well flow, remain at console
- 4. using hand signals verify all personnel are at stations, verify company man and toolpusher's position, initiate search if well is not flowing
- b. If tripping
 - 1. after donning breathing apparatus put pipe in the slip-set position
 - 2. stab safety valve, close safety valve
 - 3. monitor well flow-remain at console
- watch derrickman descend from derrick, verify all personnel locations, verify company man and toolpusher's position, initiate search if well is not flowing
- c. if well is flowing
 - 1. after donning breathing apparatus, shut well in HARD
- verify all personnel locations, verify company man and toolpusher's position, initiate search if necessary
 - 3. obtain necessary pressures for well control
- 4. Proceed to safety briefing area with crew, plan well control operations with all personnel

Derrickman

- a. after donning breathing apparatus, go to pit side window on the floor whether drilling or tripping (descend derrick)
- b. maintain visual contact with driller and monitor flow
- c. if mud properties are needed, then proceed to the shaker with "buddy"
- d. monitor other hands on pit side of rig visually
- e. proceed to open manual well-head if necessary (with "buddy")

iii. Motorman

- a. after donning breathing apparatus, go to the cascade system and ensure safe operation
- b. maintain visual contact with chain hand on doghouse side of floor

iv. Chainhand

- a. after donning breathing apparatus, stab safety valve if tripping
- b. go to doghouse/pipe-rack and maintain visual contact with driller and motorman

v. Floorman

- a. after donning breathing apparatus, stab safety valve if tripping
- aid driller while maintaining visual contact with driller, derrickman, and chainhand

III. Auxiliary Personnel

- Mud engineer and Company man or geologist are to act as wardens.
 Wardens must account for all other auxiliary crew.
- All auxiliary crew are to remain in safety briefing area unless evacuated by wardens.
- iii. Wardens organize search with notification from company. All searches are to be done with "buddy". Geologist warden should remain in safety briefing area.

2.4.4 Igniting the Well

I. Decision

- i. The Company Foreman holds the responsibility for the decision to ignite a well. In the case where he is incapacitated or absent authority passes to the toolpusher and then the contract driller
- ii. the decision to ignite the well is only to be made as a last resort safety measure when
 - a. there is threat human life and grave threat to public safety and equipment

- b. there is no alternative way of containing the well given the emergency faced.
- c. an attempt was made to contact area office (circumstances permitting)*

*when human life is threatened no delay in decision making can be afforded

I. Instructions for Igniting the Well

- Two individuals are required for ignition
- Both individuals will wear SCBAs and have 200 foot retrieval cords tied to there waists
- One individual will measure the atmosphere for explosive gasses with appropriate meter.
- iv. The other individual will remain in the safety briefing area
- v. Others in the briefing area are to remain aware of both individuals and aid as able. If either tethered individual is overcome by gas, he should be pulled to safety.
- vi. The well should be lit with a 25 mm meterotype flare gun when well conditions allow. The safest method of igniting the well should always be used.
- vii. Burning H₂S will produce sulfur dioxide which is poisonous. The area, therefore is not safe once the well has ignited. Continue to observe all emergency procedures and follow orders from supervisors and the area office. Notice of incident should be reported to all appropriate authorities.

3.0		Appendices
3	.1	Check List for Safety Equipment (designed for a maximum of 11 people)
[]	Safety Trailer housing cascade system at least ten 300 cu. ft. bottles of compressed air
]	7 SCBA type breathing apparatus with 45 cu. ft. bottles
)	5 breathing masks connected to the cascade system with 7 cu. ft. pony bottles
		2 extra 300 cu. ft. bottles able to refill SCBA bottles to be placed at the safety briefing areas
		2 Wind socks
]	1 Flare gun and flares
		1 rescue pack (as described in section 2.3.1)
]	Warning signs for access (flags for marking conditions)
]	"Safety Briefing Area" signs, evacuation route flags
]	H ₂ S monitors (personnel and stationary)

☐ Alarm system (audio and visual—explosion proof)

☐ Gas Monitor

'APIWellNo:43037500050000'

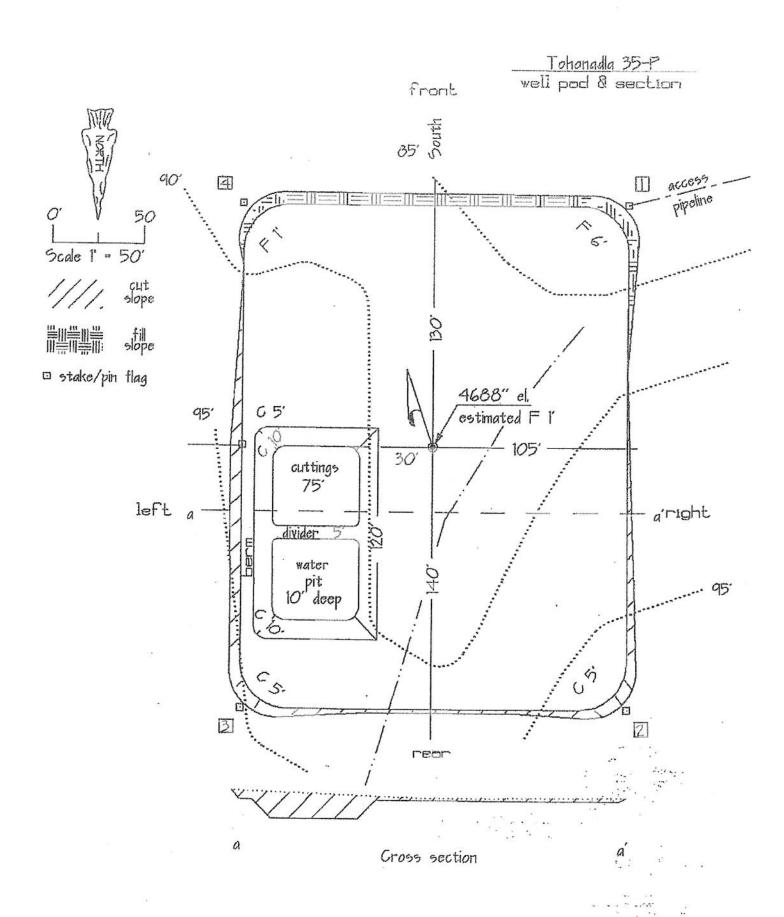
3.2 Emergency Phone Numbers

Navajo Nation Oil & Gas Company Personnel to be Notified

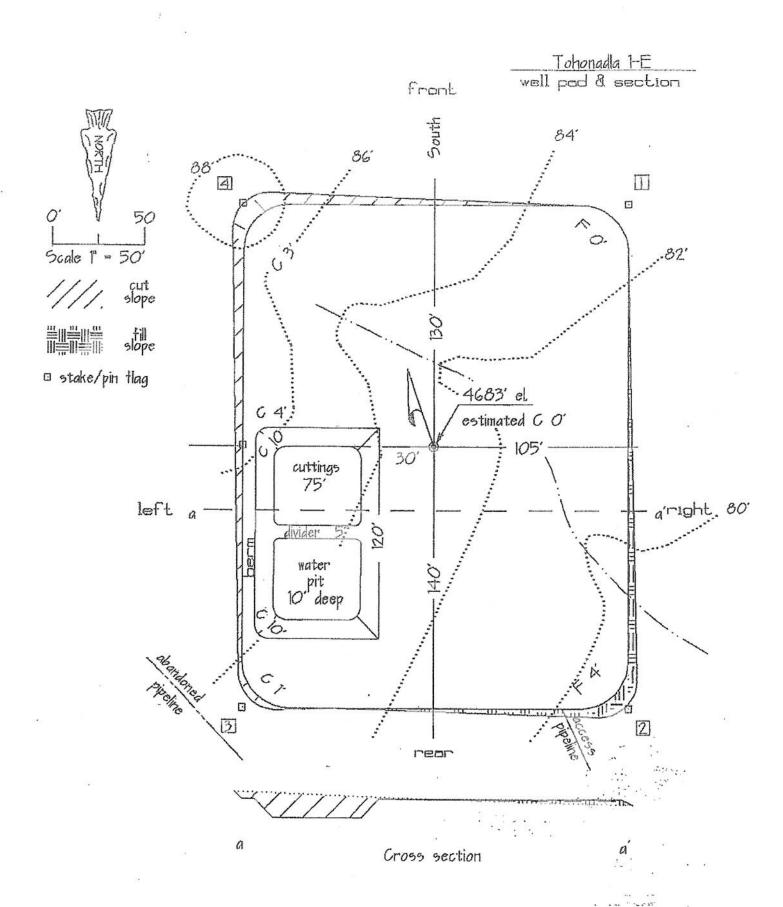
Wilson Groen		President	Office: (928) 871-4880 Cellular: (505) 879-6483 Direct (928) 871-8501
Sam Butler Cell:		303-618-2925 303-888-8920 303-884-8875	Home: 303-693-9207 Home: 303-329-9418 Home: 303-331-8695
Safety Company	Personr	<u>nel</u>	
(Name)		(Position)	(Number work)
			(Number home)
(Name)		(Position)	(Number work)
			(Number home)
Local Agencies			
San Juan County	Fire De	partment (Monticello)	911
			(435) 587-3225
San Juan County	Sheriff	(Monticello)	911
	(435) 587-2237		
San Juan County E	mergeno	ey Management (Monticello)	(435)-587-3225
Blanding Medical 804 North 4	(435) 678-2254		
San Juan Hospital 364 West 10	Monticello, UT	(435) 587-2116	
Navajo Nation Po	(505) 368-1350		
	(505) 325-0022		
Other Governmen			
National Respons	800-424-8802		
BLM	Monti	(435) 587-1500	
	Jeff B	rown	(435) 587-1525

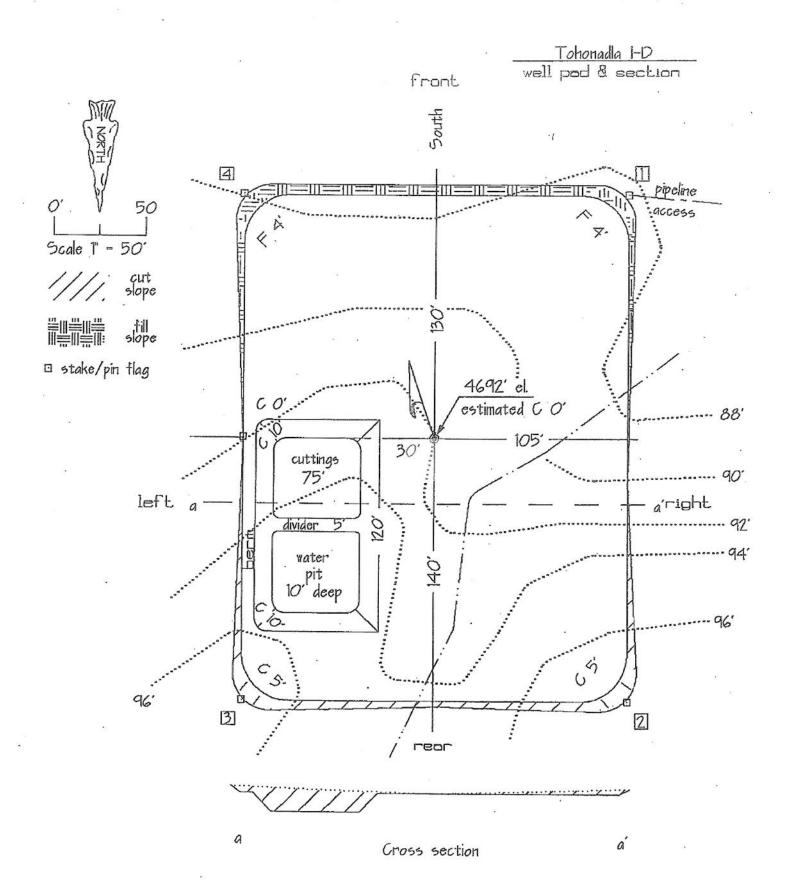
	Mobile	(435) 459-4886
	Field Manager	(435) 587-1505
BLM	Farmington Field Office	(505) 599-8900
	Emergency line	(505) 599-8907
	Jim Lovato	(505) 599-6367
BIA, Window Roo	ek Bertha Spencer	(928) 871-5938
Utah Division of	Oil, Gas and Mining (SLC)	
	During Office Hours	(801) 538-5340
	After Hours	(801) 243-9466
Utah State Emerg	ency Response Commission	(801) 536-4123
Utah Highway Pa	trol (Monticello)	(435) 587-2000
Mexican Water C	hapter House	(928) 674-3641
Red Mea Chapter	House	(928) 656-3655
Utah Health Depa	rtment (Price)	(435) 637-3671
US EPA Region 8	(Denver)	(800) 227-8917
Navajo Nation M	nerals Dept. (Window Rock, AZ)	(928) 871-6587
Veterinarian	Angel Peak Vet. Hospital (Farmington)	(505) 632-3561
Veterinarian	Farmington Veterinary Clinic	(505) 325-7462
Veterinarian	Watkins, Clyde H. DVM	(435) 678-2414
Helicopter	New Air Helicopters (Durango)	(970) 259-6247
Helicopter	Heli NM (Albuquerque)	(866) 995 1058
Blanding Air Aml	oulance	(800) 742-8787
Classic Aviation		(800)-444-9220 ext 5

'APIWellNo:43037500050000'



3.2 Tohonadla Site Plans





Proposed Tohonadla Wells

Navajo Nation Oil & Gas Co. Inc.

Sec. 35 T. 41 S., R. 21 E. Sec. 01 T. 42 N., R. 21 E. San Juan County, Utah

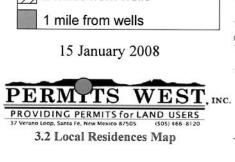


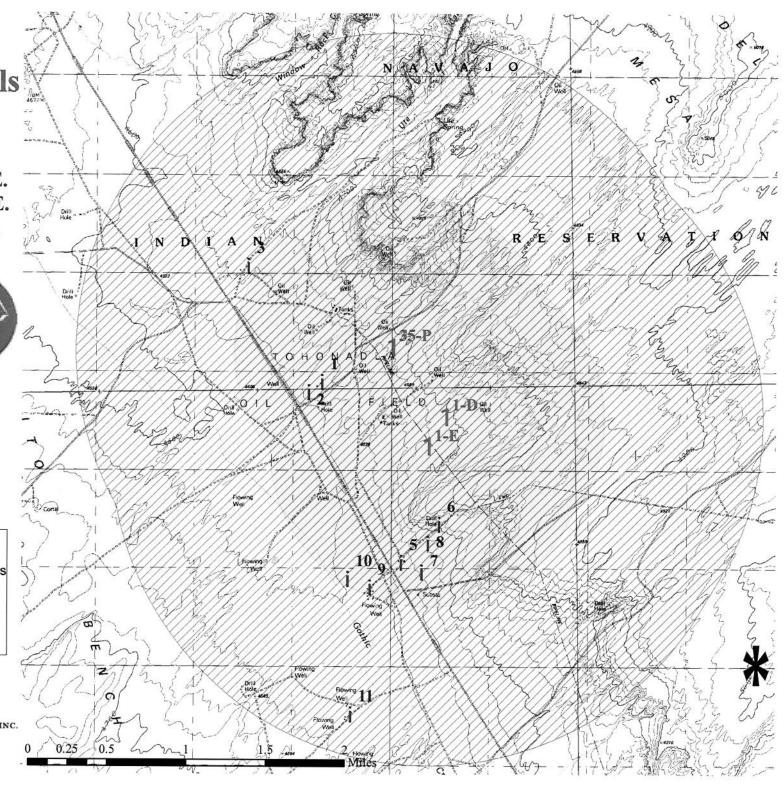
Local Residences Contingency Map

Prevailing Winds From the Southwest

Legend

- 1 Proposed Tohonadla wells
- i Residences
- 2 miles from wells





Proposed Tohonadla Wells

Navajo Nation Oil & Gas Co. Inc.

Sec. 35 T. 41 S., R. 21 E. Sec. 01 T. 42 N., R. 21 E.

San Juan County, Utah



Local Residences Contingency Map

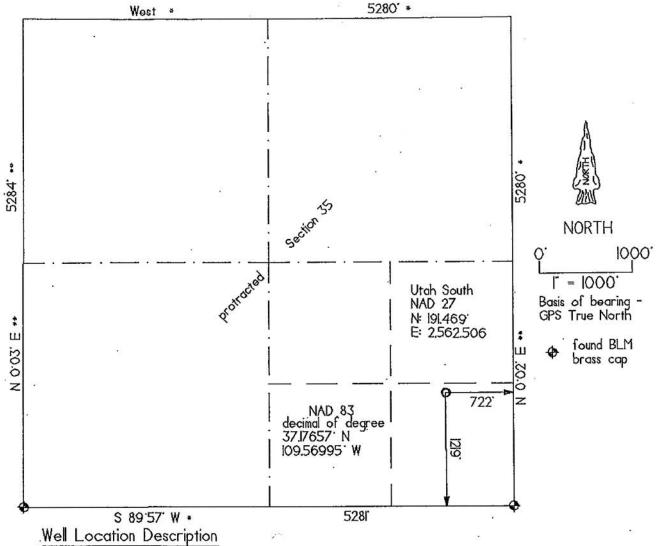
Prevailing Winds From the Southwest

	Legend
*	Proposed Tohonadla wells
A	Residences
2	miles from wells
1	mile from wells

15 January 2008

	_
PERMYTS Y	WEST.
PROVIDING PERMITS for	LAND USERS
av Varar o Leng, Santa Pe, New Wester 87505	(505) 466-8120
3.2 Local Residences	Kar

ID	Name	Phone	Comments
1	Julias Stash	NO	1 beige house, 1 white single wide trailer, 1 hogan
2	Betty Stash	NO	1 light blue house
3	n/a	n/a	2 double wide beige trailers, 1 green house, 1 faded blue house
4	n/a	n/a	1 beige house, 1 gray trailer, 1 small metal building
5	n/a	n/a	1 large tan building (a child development center), 1 white single wide
6	n/a	n/a	1 tan house, small brown trailer
7	8 n/a n/a Tom Tsosie NO Boy		1 large gray and brown trailer
8			1 very large brown house
9			Very large compound- 1 tan trailer, 1 brown double wide, 1 yellowish house, 3 hogans, 1 small brown house, 1 log cabin shed
10	Jean and James Benally	435.459.9975	1 white double wide
11	n/a	n/a	1 yellow house, 1 blue house, 1 white double wide, 1 small white house, 2 hogans, I log cabin shed



NAVAJO NATION OL & GAS CO. INC. TOHONADLA 35-P 1219 FSL & 722 FEL Section 35. T.41 S., R.21 E., SLM San Juan County. UT

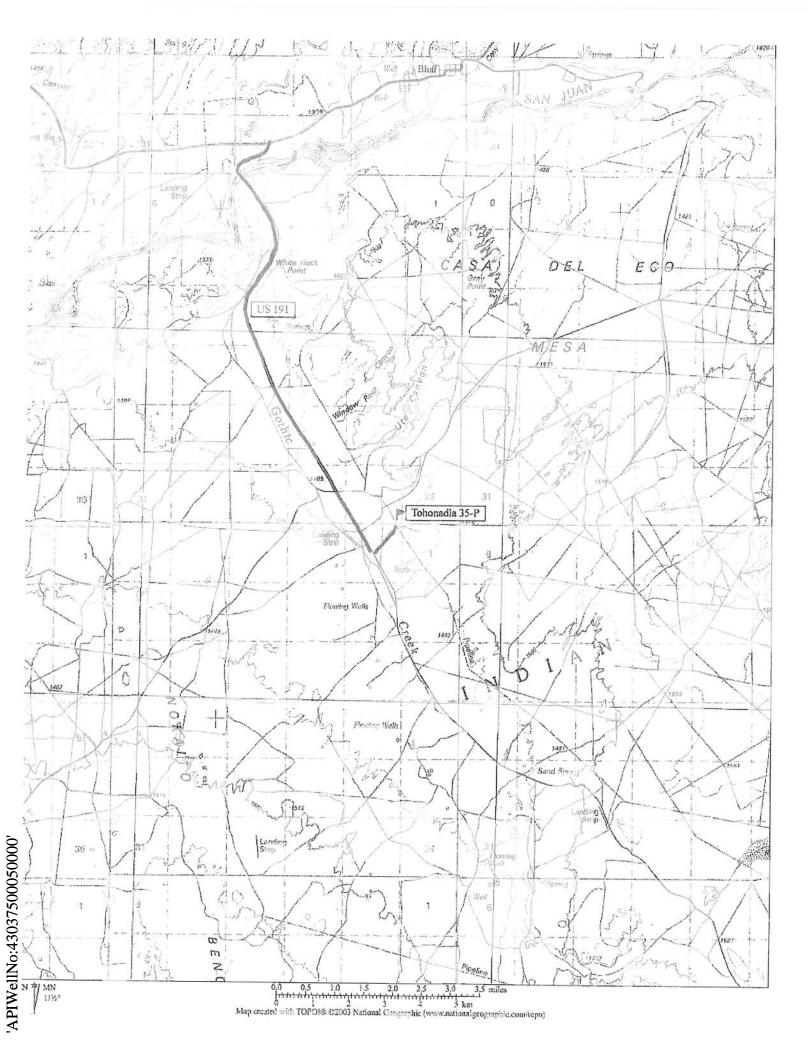
4688' grd. el. (from GPS)

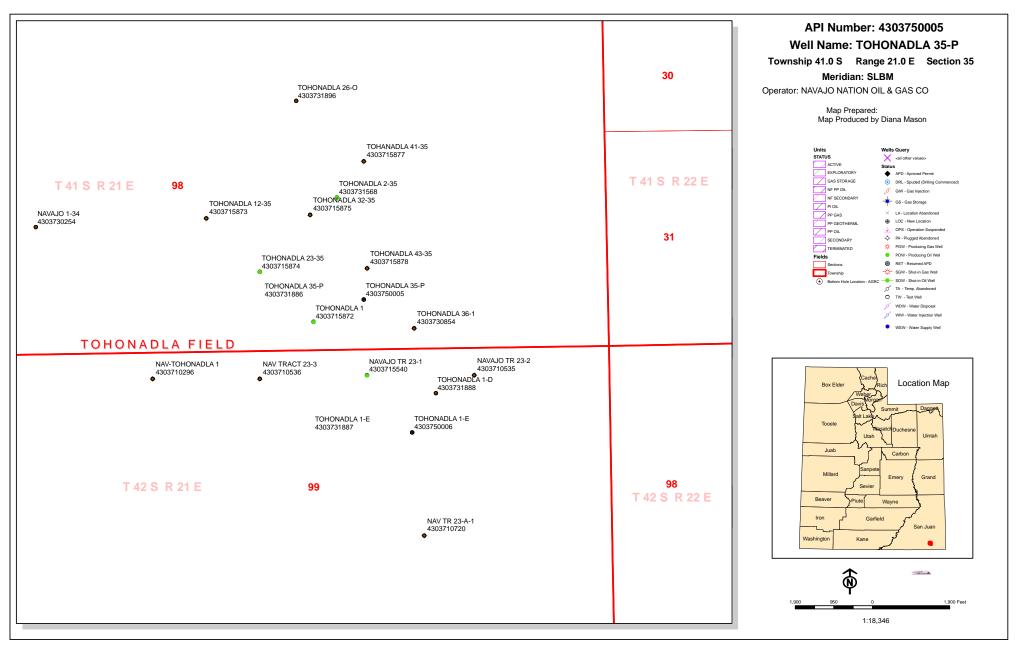


rev: 05/18/'07

Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.





Form 3160-3 (April 2004)

FEB **05** 2008

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES

DEPARTMENT OF THE INTERIOR OF Land Management BUREAU OF LAND MANAGEMENT THIS CONTROL OF LAND MANAGEMENT TO A CO

5. Lease Serial No. 14-20-603-229

APPLICATION	FOR	PERMIT	TO	DRILL	OR	REENTER

6. If Indian, Allotee or Tribe Name

AT LIGATION TOTT LIMIT TO	NAVAJO NATION				
la. Type of work:	7. If Unit or CA Agreement, Name and No. N/A				
lb. Type of Well: ✓Oil Well ☐Gas Well ☐Other	8. Lease Name and Well No. TOHONADLA 35-P				
2. Name of Operator NAVAJO NATION OIL & GAS CO., I	NC.		9. API Well No. 43-037- 31886	,	
3a. Address P. O. BOX 4439 WINDOW ROCK, AZ 86515	3b. Phone No. (include area code) (928) 871-4880		10. Field and Pool, or Explora	ory sent Creek	
Location of Well (Report location clearly and in accordance with an At surface 1219' FSL & 722' FEL	y State requirements.*)		11. Sec., T. R. M. or Blk. and 3 35-41S-21E SLM	Survey or Area	
At proposed prod. zone SAME			33-415-21E 5EM		
14. Distance in miles and direction from nearest town or post office* 8 AIR MILES SOUTH OF BLUFF, UT			12. County or Parish SAN JUAN	13. State UT	
15. Distance from proposed*	16. No. of acres in lease	17. Spacin	g Unit dedicated to this well		
location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1,219'	2,560	SESE	1		
18. Distance from proposed location*	19. Proposed Depth	20. BLM/I	BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft. 1,376' (Tohonadla 1)	6,850'		RLB0006712		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*		23. Estimated duration		
4,688' GL This action is subject to technical and procedural review pursuant to 43 CFR 3165.3	03/01/2008		5 WEEKS		
and appeal pursuant to 43 CFR 3165.4	24. Attachments		DRILLING OPERATION	ONS AUTHORIZED ARE LIANCE WITH ATTACHED	
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be a	tached to th	is form: "GENERAL REQUIR	EMENTS".	
 Well plat certified by a registered surveyor. A Drilling Plan. 	4. Bond to cover the Item 20 above).	ne operation	ns unless covered by an existing	g bond on file (see	
3. A Surface Use Plan (if the location is on National Forest System					
SUPO shall be filed with the appropriate Forest Service Office).	6. Such other site authorized office	specific info er.	ormation and/or plans as may be	required by the	
25. Signature	Name (Printed/Typed) BRIAN WOOD		Date 0:	1/24/2008	
Title	PHONE: (505) 466-8120	FAX	X: (505) 466-9682		
Approved by (Signature)	Name (Printed/Typed)		Date	1/9/19	
Title AFM	Office		1 27	<u> </u>	
Application approval does not warrant or certify that the applicant hold conduct operations thereon. Conditions of approval, if any, are attached.	s legal or equitable title to those righ	ts in the sub	ject lease which would entitle th	e applicant to	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a cristates any false, fictitious or fraudulent statements or representations as	rime for any person knowingly and v	villfully to n	nake to any department or agenc	y of the United	

*(Instructions on page 2)

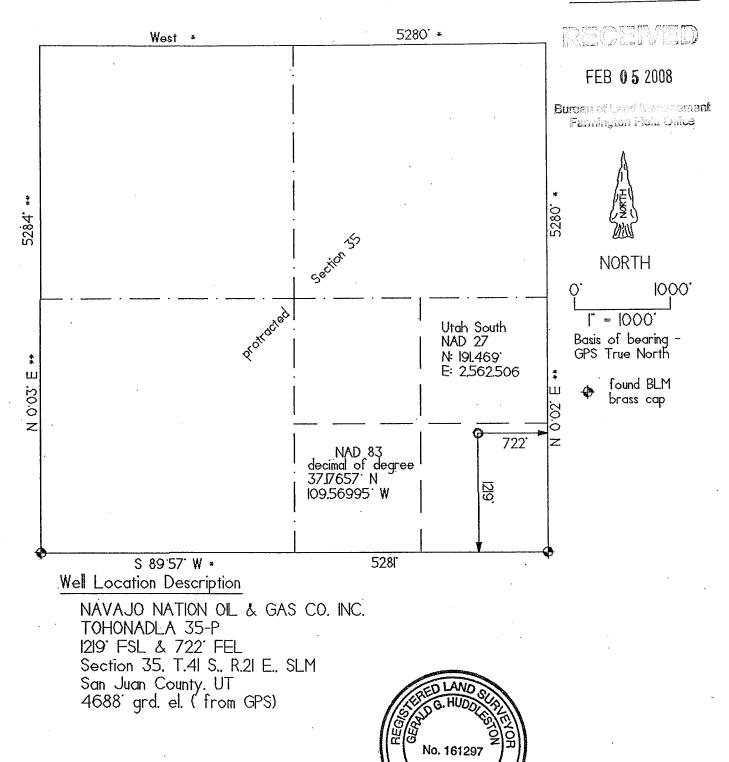


H₂S POTENTIAL EXIST

RECEIVED NOV 2 3 2009

NMOCD-Utuh-

DIV. OF OIL, GAS & MINING



rev: 05/18/07

Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.

Drilling Program

1. FORMATION TOPS

The estimated tops of important geologic markers are:

Formation	GL Depth	<u>KB Depth</u>	Elevation
Carmel Sandstone	0'	15'	+4,688'
Navajo Sandstone	273'	288'	+4,415'
Kayenta Sandstone	633'	645'	+4,055'
Wingate Sandstone	663'	678'	+4,025'
Chinle Shale	1,123'	1,138'	+3,565'
Shinarump Sandstone	1,683'	1,698'	+3,005'
Moenkopi Sand & Mud Stones	1,938'	1,953'	+2,750'
DeChelly Ss/Mdst/Shale	2,098'	2,113'	+2,590'
Organ Rock Shale/Sltst/Ss	2,301'	2,316'	+2,387'
Lower Cutler Slts/Ss/Shale	3,023'	3,038'	+1,665'
Honaker Trail Ls/Sltst/Shale	4,063'	4,078'	+625'
Paradox Ls/Sltst/Marls/Shale	4,615'	4,630'	+73'
Ismay Ls/Dolo/Marls/Shale	4,912'	4,927'	-224'
Lower Ismay Ls/Dolo/Marls/Shale	4,998'	5,013'	-310'
Desert Creek Ls/Dolo/Marls/Shale	5,083'	5,098'	-395'
Akah Ls/Dolo/Anhy/Shale	5,283'	5,298'	-595'
Barker Creek Ls/Dolo/Anhy/Shale	5,470'	5,485'	-782'
Pinkerton Trail Ls/Dolo/Anhy/Shale	5,700'	5,715'	-1,012'
Molas Mudst/Slt/Ls/Shale	5,888'	5,913'	-1,200'
Leadville Limestone/Dolomite	6,063'	6,068'	-1,375'
Total Depth (TD)	6,850'	6,865'	-2,162'

2. NOTABLE ZONES

Desert Creek and Ismay oil production is the primary goal. Upper Leadville oil



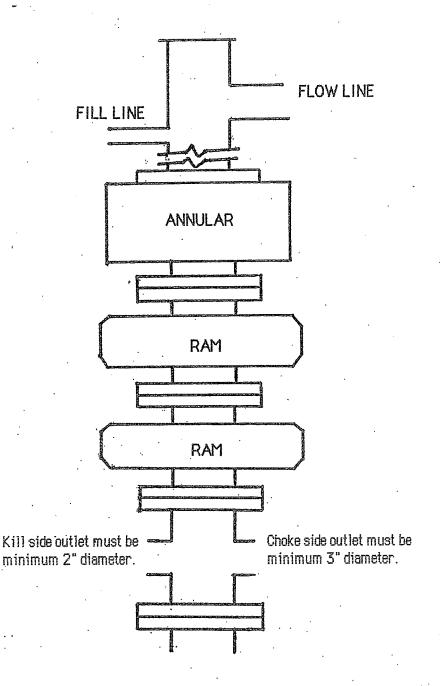
production is the secondary goal. Oil and gas shows which appear to the well geologist to be commercial will be tested. All fresh water and prospectively valuable minerals will be recorded by depth and protected with casing and cement. Likely fresh water zones are the Glen Canyon group of sandstones.

3. PRESSURE CONTROL

A 13-5/8" 3,000 psi double ram and annular preventer with a 3,000 psi choke manifold will be used. A diagram of a typical BOP is on Page 3. Actual model will not be known until bid is let. Procedures are ...

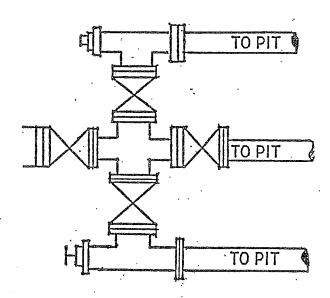
- Nipple up BOP and all equipment Test to 250 #/3,000# Test Hydril to 2,000 psi Log in I. A. D. C. book
- Drill 1/2 of shoe joint Test to 1,500 psi for 30 minutes Log in I. A. D. C. book
- Activate BOPs every 24 hours or on trips and log in I. A. D. C. book
- Install hand wheels and lay straight flare line before drilling out
- Conduct weekly BOP drills with each crew and log in I. A. D. C. book
- Have floor valve and wrench on floor at all times Floor valve must be in open position
- Before drilling surface casing shoes, blind rams will be closed. BOP and surface casing will be pressure tested to 1,500 psi for a total test time of 30 minutes if not previously tested by Halliburton during cement job.
- Studs on all well head and BOP flanges will be checked for tightness weekly
- Hand wheels for locking screws will be installed and operational
- Entire BOP and well head assembly will be kept clean of mud
- A drill stem safety valve in the open position will be available
- Call BLM at (505 599-8900) and the Utah Division of Oil, Gas, & Mining at (801 538-5340) before testing BOPs





TYPICAL BOP STACK & CHOKE MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.



Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.

Upper kelly cock will have handle available.

Safety valve and subs will fit all drill string connections in use.

All BOPE connections subjected to well pressure will be flanged, welded, or clamped.



4. CASING & CEMENT

<u>Hole Size</u>	<u>O. D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Age</u>	<u>Coupling</u>	Burst/Collapse	<u>Depth Set</u>
20"	16"		Conductor	New			60'
12-1/4"	8-5/8"	24#	J or K-55	New	ST&C	2,950/1,370	1,400'
7-7/8"	5-1/2"	17#	J or K-55	New	LT&C	5,320/4,910	6,850'

Conductor pipe will be cemented to the surface with ready-mix.

Surface casing will be cemented to the surface with $\approx 50\%$ excess. Lead with ≈ 325 sacks (≈ 633 cubic feet) Halliburton light with 5 pounds per sack gilsonite + 1/4 pound per sack cellophane mixed at 12.4 pounds per gallon and 1.95 cubic feet per sack. Tail with ≈ 200 sacks (≈ 238 cubic feet) standard cement + 1% CaCl₂ + 1/4 pound per sack cellophane mixed at 15.6 pounds per gallon and 1.19 cubic feet per sack. Centralizers will be placed ≈ 5 ° off the bottom and on the first three joints and the fifth joint.

Production casing will be cemented with \approx 40% excess to \approx 1,200' (i. e., \geq 200' above surface casing shoe). Lead with \approx 510 sacks (\approx 994 cubic feet) Halliburton light with 5 pounds per sack gilsonite + 1/4 pound per sack cellophane mixed at 12.4 pounds per gallon and 1.95 cubic feet per sack. Tail with \approx 335 sacks (\approx 422 cubic feet) premium with 5 pounds per sack gilsonite + 0.6% Halad 9 + 0.25 CFR-3 mixed at 15.2 pounds per gallon and 1.26 cubic feet per sack. Centralizers will be set on the shoe joint, top of the second and third joints, and continue through and above pay zones at \approx 90' intervals.

5. MUD PROGRAM

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	Fluid Loss	<u>Type</u>
0 -1,400'	8.3 - 8.7	27 - 32	N/C	Fresh H ₂ O gel lime spud mud, pH 9
1,400' - TD	8.4 - 10.0	38 - 40	8 cc	Fresh water gel & PHPA, SAPP, etc

Cuttings will be collected every ≈30' from the surface to ≈5,500'. Cuttings



will be collected every ≈10' from ≈5,500' to TD.

6. CORES, LOGS, & TESTS

Cores may be cut depending upon shows, most likely in the Desert Creek. GR - Sonic and DLL-Micro-SFL log suites will be run from TD to the surface. FDC-CNL logs will be run from TD to $\approx 4,000$ '. No drill stem tests are currently planned.

A geologist or mud logger will be on site from ≈4,000' to TD.

7. DOWN HOLE CONDITIONS

No abnormal temperatures or abnormal pressures are expected. Maximum expected bottom hole pressure will be $\approx 2,945$ psi. Hydrogen sulfide is expected in the Mississippian, just below the Pinkerton. A contingency plan is attached.

8. OTHER INFORMATION

The anticipated spud date is March 1, 2008. It is expected it will take ≈ 3 weeks to drill and ≈ 2 weeks to complete the well.

Navajo Nation Oil & Gas Co., Inc. is requesting an exception due to geology. The location is based on seismic. The well is staked at 1219' FSL & 722' FEL 35-41s-21e on 2,560 acre Tribal lease 14-20-603-229. Thus, it is 359' too far north.

Navajo Nation Oil & Gas Co., Inc. is requesting permission to drill at 1219' FSL & 722' FEL 35-41s-21e. This is the only well, existing or planned, in the



quarter-quarter. The closest (1,376') existing or planned well is ST Oil Company's existing Tohonadla 1 at 660 FS & 1980 FE 35-41s-21e. ST Oil Company is a partner in the Tohonadla 35-P.

Closest lease line is 1219' south. Navajo Nation Oil & Gas Co., Inc. or ST Oil Company is owner of all drilling units within a minimum 4,309' radius of the proposed exception. Five of the 8 offset quarter-quarters are part of the same lease. The three remaining offset quarter-quarters are part of jointly operated Navajo Nation Oil & Gas Co., Inc. and ST Oil Tribal 320 acre lease 14-20-603-270. The quarter-quarter (NESE Sec. 35) toward which the well encroaches is part of the same lease.

Surface Use Plan

1. <u>DIRECTIONS</u> (See PAGES 12 - 15)

From the junction of US 163 and US 191 west of Bluff
Go South 8-1/4 miles on US 191 to the equivalent of mile post 13.1
Then turn left and go Northeast 0.7 miles on a sandy road to the 23 #1 well
Then bear left and go Northeast 187.32' cross country to a surface pipeline
Then turn left and go Northwest 1,347.19' along the steel surface pipeline
Then turn right and go Northeast 356.7' cross country to the proposed pad

Roads will be maintained to at least equal to their present condition.

2. <u>ROAD WORK</u> (See PAGES 14 & 15)

No upgrade is needed for the existing road. The 1,891.21' of new road will be built to BLM Gold Book standards. Road will have a ≈ 14 ' wide running surface and will be rocked where needed. No culvert, vehicle turn out, or cattle guard is needed. Maximum disturbed width will be 20'. Maximum cut or fill = 3'. Maximum grade = 5%.

3. EXISTING WELLS (See PAGE 13)

There are 2 water, 4 oil, and 7 plugged wells within a mile radius. There are no gas or injection wells within a mile radius.

4. PROPOSED PRODUCTION FACILITIES (See PAGES 14 & 15)

A well head and gas powered pump will be installed on the pad. Both will be



painted a flat Carlsbad tan. A 2,573.19' long \approx 4" O. D. steel pipeline will be laid along the road from the well to the existing separator and tank battery. The pipeline will be buried \approx 36" deep.

5. WATER SUPPLY

Water will be trucked from Monument Resources' well on private land in 30-40s-22e near Bluff. Water right number is 09-135.

6. CONSTRUCTION METHODS & MATERIALS (See PAGES 16 & 17)

The top 6" of soil and brush will be stripped and stockpiled east of the pad. The pit subsoil will be piled east of the pit and separate from the topsoil. A diversion ditch will be cut north of the pad. A minimum 12 mil plastic liner will be installed in the reserve pit. The reserve pit will be fenced sheep tight on 3 sides with woven wire fence topped with barbed wire. The fourth side will be fenced once the rig moves off. The fence will be kept in good repair while the pit dries. Once dry, contents of the reserve pit will be buried in place.

Rock will be bought and trucked from private land near Bluff.

7. WASTE DISPOSAL

All trash will be placed in a portable trash cage and hauled to the county landfill. Human waste will be disposed of in chemical toilets. Toilet contents will be hauled to a state approved dump station off the reservation.

8. ANCILLARY FACILITIES



There will be no air strip or camp. Camper trailers will be parked on the pad for the company man, tool pusher, and mud logger.

9. WELL SITE LAYOUT

See PAGES 16 and 17 for drawings of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION

Reclamation starts once the reserve pit is dry, at which point it will be back filled. Liner top will be folded over contents and covered with \geq 24" of dirt. The reserve pit and any pad areas not needed for producing the well will be reclaimed as an interim measure. Once the well is plugged, the remainder of the pad and road will be reclaimed.

All reclamation will leave the terrain with a natural shape, slopes will be no steeper than 3 to 1, subsoil will be used to fill the reserve pit, all compacted areas will be ripped ≥ 12 " deep with the contour, topsoil will be spread across all compacted areas and harrowed with the contour. A seed mix will be drilled as prescribed by BLM, BIA, or the Navajo Nation. Weeds will be controlled in accordance with BLM, BIA, or Tribal requirements.

11. SURFACE OWNER

All construction will be on Navajo Tribal surface. Tribal Project Review Office phone is (928) 871-6447. Address is P. O. Box 2249, Window Rock, Arizona, 86515.



12. OTHER INFORMATION

The nearest hospital is a $\approx 1-1/4$ hour drive away in Monticello. It is 3 blocks northwest of the intersection of US 491 and US 163/191. Hospital phone number is (435) 587-2116. Or dial 1-800-332-1911 from anywhere in the county. Give the operator the latitude and longitude (see section plat (which is the second page of the APD)) of the well.

Chuck Yarbrough (BIA) and Charles Black (Permits West) conducted an on site inspection on June 13.

13. REPRESENTATION & CERTIFICATION

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U. S. C. 1001 for the filing of false statements. Executed this <u>24th</u> day of January, 2008.

Brian Wood, Consultant

Permits West, Inc.

37 Verano Loop, Santa Fe, NM 87508

(505) 466-8120

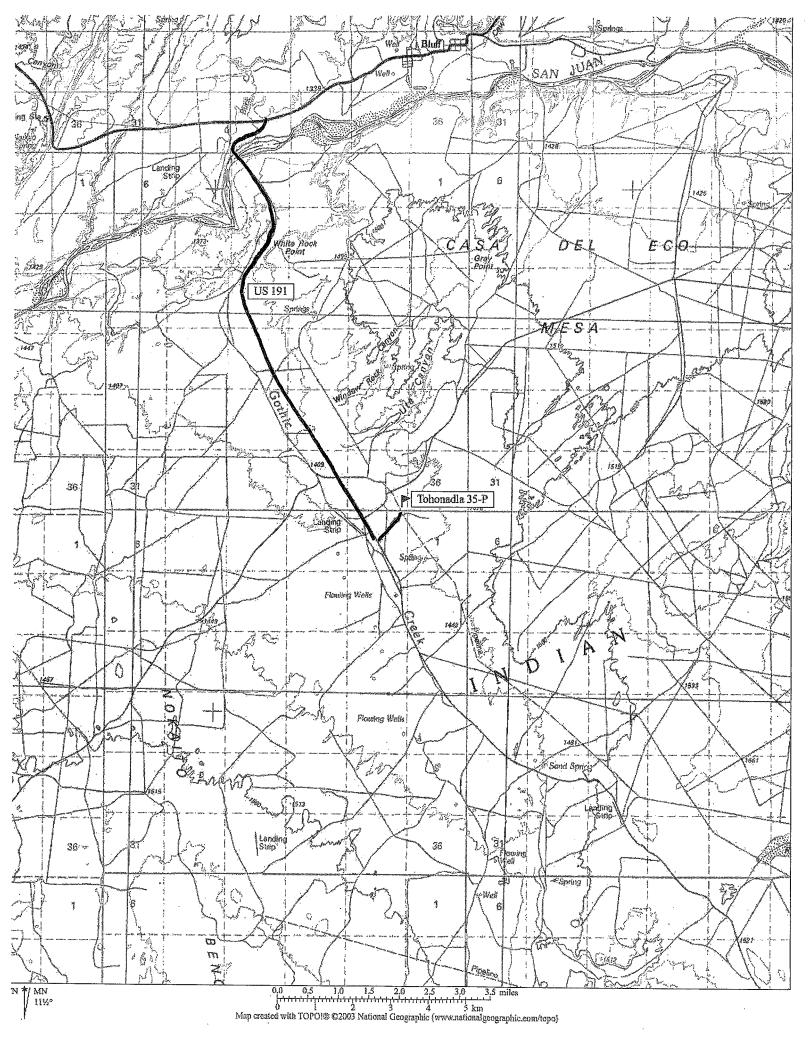
FAX: (505) 466-9682

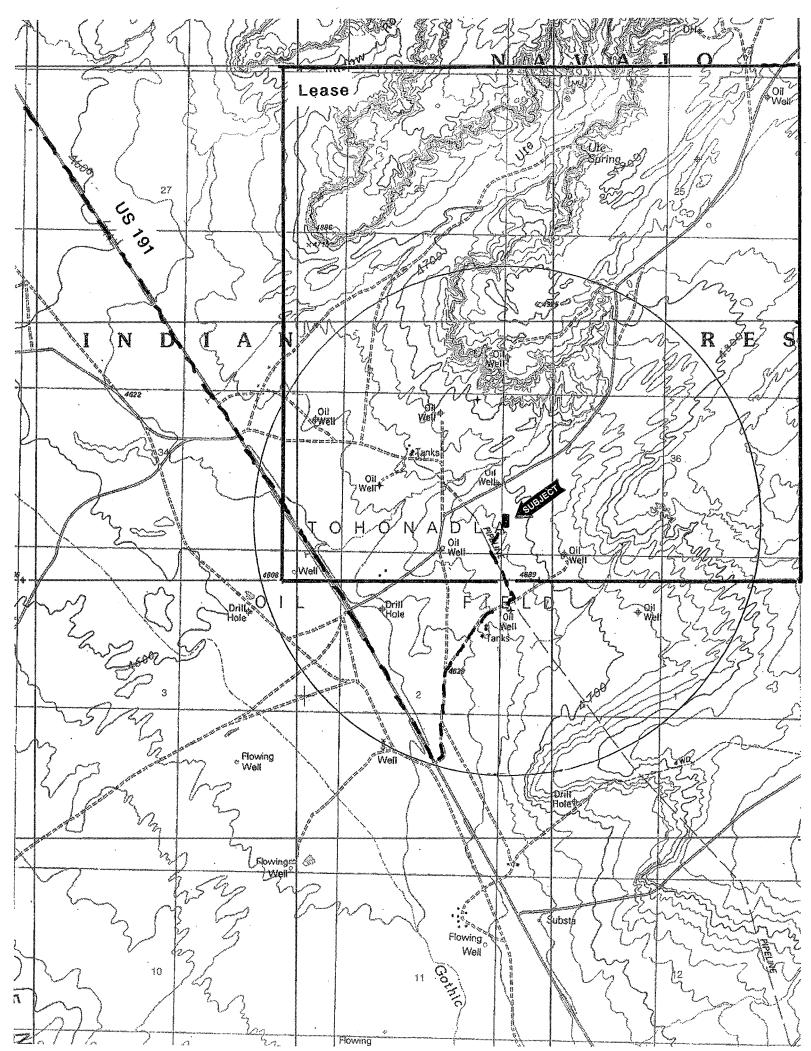
Mobile: (505) 699-2276

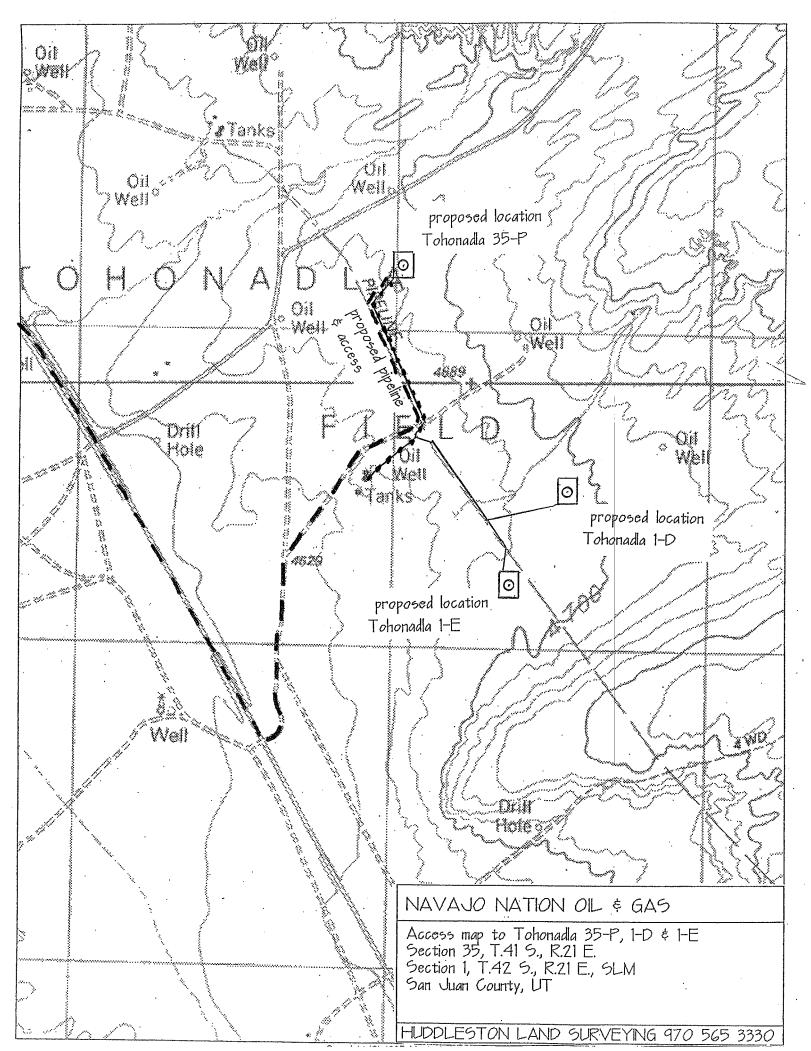


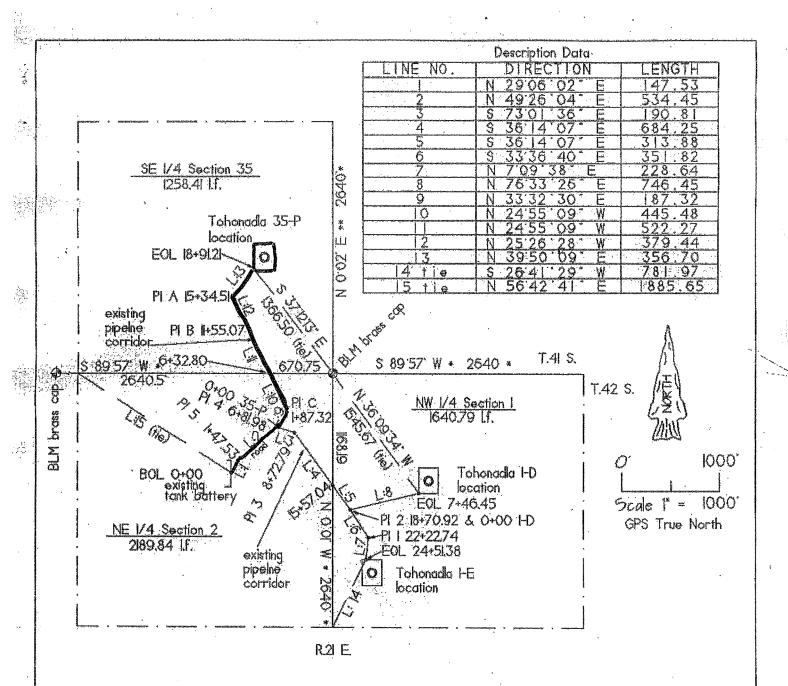
The field representative will be:

Wilson Groen Navajo Nation Oil & Gas Co., Inc. P. O. Box 4439 Window Rock, AZ 86515 (928) 871-4880











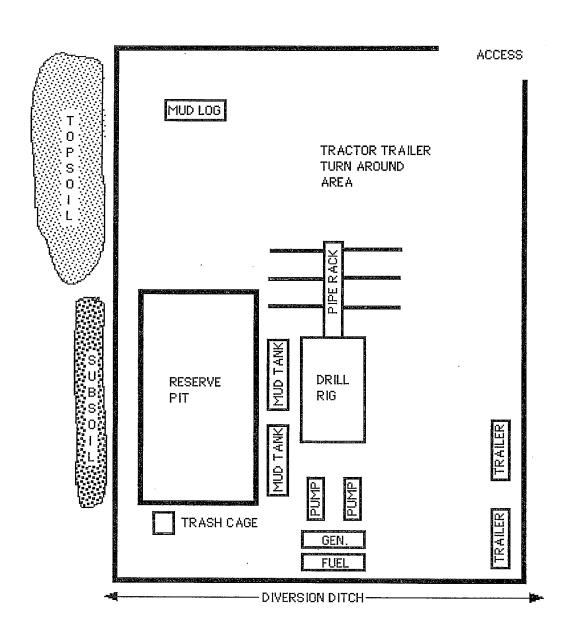
KNOW ALL PEN BY THESE PRESENTS that I. Gerald G. Huddeston, do hereby certify that this plat was prepared from field notes of an actual survey made by me or under my supervision and that the same is true and accurate to the best of my knowledge and belief.

Nava jo Nation Oil & Gas.

Proposed pipeline & access to:
Tohonadla HD, I-E & 35-P
Section I & 2, T.42 S., R.2I E.
Section 35, T.42 S., R.2I E., SLM
San Juan County, UT

05 10 '07







Tohonadla 35-P well pad & section front access 4 pipeline 0 50 fill slope □ stake/pin flag <u>4688" el.</u> estimated F 1' C 5' 95' 30' cuttings 75' a'right left divider water pit 10' deep 95' 3 2 rear а á Cross section

Hydrogen Sulfide (H₂S) Contingency Plan For Navajo Nation Oil & Gas Co. Inc.'s

Tohonadla 1-D

1119' FNL & 1017' FWL Sec. 1 T42S R21E

Tohonadla 1-E

2081' FNL & 417' FWL Sec. 1 T42S R21E

Tohonadla 35-P

1219' FSL & 722' FEL Sec. 35 T41S R21E

San Juan County, Utah

Navajo Nation Oil & Gas, Inc Post Office Box 4439 Window Rock, Arizona 86515





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Checklist for Drilling, Workover, and Maintenance in H2S Environment

- 1. Two safety briefing areas at least 100 yards from well head and arranged so that one briefing area will be upwind at all times. These sites should be located uphill whenever possible. (see Appendix 3.2)
- 2. Identify direction of prevailing winds (see Appendix 3.2)
- 3. At least two wind socks installed at all times
- 4. Primary and secondary emergency escape routes (flagged trail minimum)
- 5. Number, types, and storage location of H_2S emergency respirators for personnel, and number of personnel to be present onsite at any one time.
- 6. H₂S detector locations (3 minimum to include cellar or bell nipple and mud tanks at shale shaker). Type and location of visual and audible alarms to be used.
- 7. H₂S evacuation and emergency training procedures and schedule (i.e. Contingency Plan)
- 8. List of area residents within a two-mile radius, evacuation plan, and contact list (including agencies and individuals)
- 9. Types and quantities of mud additives and scavengers to be available at location for H₂S operations
- 10. Design features and operational procedures to be used to provide safe working environment (including a certification by the operator on the APD that all equipment meets standards for H₂S service)
- 11. Appropriate warning signs and flags on all access roads
- 12. Provisions for blocking and monitoring access to location during critical incident
- 13. Ventilation fan under rig floor
- 14. In event of uncontrolled blowout, designation of local official who has authority to ignite flow
- 15. Swabbing or drillstream fluids containing H₂S should be put through a separator to permit flaring of gas. Flare should have a continuous pilot light to ensure ignition of all such gas.

1.0 General

1.1 Description of Hydrogen Sulfide Gas

Hydrogen Sulfide (H₂S) is a colorless, transparent gas with a distinct and characteristic rotten-egg odor at low concentrations and not detectable by odor at high concentrations. H₂S at higher concentrations and/or over longer periods of exposure paralyzes the olfactory sense for that specific ofer. The gas is extremely toxic to humans and can easily become dangerous and lethal. Extreme care and caution is needed to prevent injury and/or death. H₂S has a specific gravity of 1.192 which is heavier than air. It tends, therefore, to accumulate in low places. This collection of gas can lead to dangerous concentrations in areas such as arroyos and drainages. H₂S from "downhole" is often warmer than surface air and will therefore tend to rise and therefore affect workers above the escaping source. Hydrogen Sulfide is explosive and water soluble.

1.2 Toxicity

National Standards Institute standard: American Z37.2-1972 Acceptable Concentrations of Hydrogen Sulfide describes H₂S toxicity in this way: Hydrogen Sulfide is an extremely toxic and irritating gas. Free hydrogen sulfide in the blood reduces its oxygen-carrying capacity, thereby depressing the nervous system. Hydrogen sulfide is oxidized quite rapidly to sulfates in the body, therefore no permanent aftereffects occur in cases of recovery from acute exposures unless oxygen deprivation of the nervous system is prolonged. There is no evidence that repeated exposures to hydrogen sulfide result in accumulative or systemic poisoning. Effects such as eye irritation, respiratory tract irritation, slow pulse rate, lassitude, digestive disturbances, and cold sweats may occur but these symptoms disappear in a relatively short time after removal from the exposure. Odors become detectable in concentrations low .008 parts per million (ppm) (California studies) but the sense of smell is lost after 2-15 minutes at 100 ppm.

1.3 H₂S First Aid and Treatment Procedures

- Victim should be removed to fresh air immediately**
- If victim is not breathing, rescue breathing or artificial breathing should be started immediately
- Treat for shock; keep victim warm and comfortable
- Call ambulance and/or doctor, take victim immediately to emergency room or other healthcare facility

**The rescuer(s) should always wear personal protective equipment when attempting to rescue a H_2S victim. It is important to never increase the number of victims unnecessarily during a H_2S emergency.

2.0 Hydrogen Sulfide H₂S Contingency Plan

2.1 Introduction

This plan provides required procedures to be followed to adequately provide for a safe H_2S working environment. These required procedures include safety procedures, precautionary measures, and training for emergency and standard procedures. This document sets forth the responsibilities of the operator and all individuals and entities under employment or contract with the operator working in a sour gas (H_2S) area.

To make this contingency plan effective and in order to provide a safe working environment, cooperation from all individuals in a necessity. To this end each person onsite must understand normal and emergency operating procedures for this site. Each individual onsite must have adequate information, training, and practice with the specific procedures described in this Contingency Plan. It is the responsibility of both the operator to provide adequate equipment, training, and procedures, as well as the individual "worker's" responsibility to participate fully in all H₂S procedures, to familiarize themselves with the location of all safety equipment and features, and to keep equipment and procedures in working order and up to date.

In order for Navajo Nation Oil & Gas, Inc. to provide a safe working environment for all "workers" and individuals in the vicinity of the well the safeguards are put in place. Initiative lies with each and every individual for the safety of all. To this end the drilling foreman is required to and will enforce all safety procedures, for the benefit of all involved.

2.2 Purpose

It is Navajo Nation Oil & Gas, Inc.'s intention to provide a safe working environment for all employees, contractors, and others involved with the drilling of its wells. There exists the possibility of encountering toxic H₂S gas during the construction, completion, and maintenance of the well. To such end, this H₂S contingency plan will be put into effect after surface casing is drilled or when it is deemed necessary by the BLM in consultation with Navajo Nation Oil & Gas, Inc.'s geologist and management.

Safety procedures are established for each person's safety connected with the operation and for the safety of the residents of the local area.

These procedures will be strictly enforced by Navajo Nation Oil & Gas, Inc.'s foreman. Noncompliance may result in loss of pay or dismissal from the sight, job, or employment.

2.3 Operating Procedures

Before this H_2S contingency plan is operational, all personnel that are to be involved with operation shall be thoroughly trained* in the proper use of breathing apparatus** (i.e. SCBAs and Escape Units), emergency procedures, and H_2S first aid and rescue methods. An approved list of trained personnel will be supplied by the safety company and stored with the drilling foreman.

*Required training for operation personnel will include, but not be limited to, H₂S safety course from an approved training company, safety briefing on drill site of all safety equipment use and locations before the start of work for each and every person onsite, safety related training in-place, on-site 1,000 feet before the first H₂S formation.

**Throughout this contingency plan breathing apparatus shall be understood as

- a) A Self-Contained Breathing Apparatus (SCBA) manufactured such as Scott Industrial c100 or similar.
- b) Or an emergency Escape Unit such as the Scott SCRAM or Elsa (or similar) often referred to as hip packs, hoods, or pony bottles.

The two types of breathing apparatus will be differentiated as a SCBA or an Escape Unit as required.

2.3.1 Safety Equipment

<u>Personal H₂S monitors</u>- Every person onsite will be required to wear a personal H_2S monitor at all times while onsite. Monitors will not be worn on hard hats, but should be worn on the waist belt or preferably near the chest in-front.

Breathing Apparatus- all personnel on the drill site will be assigned an individual breathing apparatus unit. This may be either an escape unit or a SCBA unit. A minimum of two SCBA type units will be onsite. These units will be used by the team whose duty it is to serve as the onsite rescue team.

Monitoring and Recording Devices-An experienced safety company (such as DXP Safety Alliance, Farmington, NM) will responsible for the installation and monitoring of H₂S detectors placed on site. These units will be tested and recalibrated as the safety company requires. If H₂S is detected, the monitors will be tested and recalibrated at least every 12 hours. This monitoring system may or may not be integral to the required two stage alarm system on site. This two stage system (visual and audio) will have a minimum of three H₂S detector locations. Monitors will be located 1), in the cellar or on the bell nipple, 2), at the mud tanks' shale shaker, and 3), to be determined by the safety company. Visual (light) and audio (siren) will activate when H₂S concentrations reach 10 ppm.

<u>First-Aid and rescue equipment-Stored on-site</u>, but ideally up-hill and up-wind from H₂S sources a minimum of one "rescue pack" will contain at least:

- 1 backboard, straps, headblocks
- a set of cervical collars (s-xl)
- 1 bag valve mask
- 1 bottle of oxygen
- gauze and other standard first-aid items

suggested 1 AED (automatic external defibrillator).

<u>Gas Monitor</u>-An appropriate monitor should be on-site that can measue for LLE, VOC, and other explosive or hazardous gasses.

2.3.2 Safety Procedures

<u>Cascade System</u>- Every person required to perform duties within "safety zones" (see list below) will be provided with breathing equipment attached to a cascade air system. These areas are as follows

- rig floor
- mud pit
- derrick
- shale shaker
- mud hopper and bulk hopper
- all hazardous locations will be accessible by hose and work pack (SCBA)

Escape Routes- Two escape routes will be at a minimum flagged and kept clear at all times.

<u>Safety Briefing Areas-Two</u> safety briefing areas will be located at the end of escape routes (see above). The briefing areas will be clearly marked, up-hill, and located so that one site is always up wind. Please see attached site map for safety briefing areas in Appendix 3.4.

<u>Safety</u>, <u>first-aid</u>, <u>and rescue equipment</u>-Will be stored properly onsite using best practices. This will include proper maintenance and scheduled testing, inspection, and training/practice.

Service companies- All service companies will be briefed regarding potential hazards of the well site including the presence (or potential for) H₂S. These companies will be required to provide breathing apparatus and training to their employees. No service company personnel will be allowed onsite without meeting these requirements. In addition a safety briefing under the direction of the drill foreman regarding site specific H₂S procedures will be provided to each new personnel member reporting on-site.

<u>Drills and practice</u>- Drills reviewing all and any safety procedures including evacuation, rescue, and proper procedures to shut-in a well, and identify source of H₂S in instance of a leak will be practiced under the supervision of the safety company representative and company foreman. Proper use of breathing apparatus will be instructed during such drills. Drill schedule will be designed to familiarize new personnel with all safety procedures. Each crew should also be familiar with all operations. Drills should include a short work period in safety equipment.

Warning Signs- Warning signs will be posted at all access roads. "No smoking" signs will be posted at access points as well. Signs will be posted more than 200 feet and no more that 500 from well pad. When H₂S is present at 10 ppm or greater a red flag shall be displayed on the warning sign. Gates, road barricades, and/or gate guards will be used if necessary to prevent access during critical or hazardous situations.

<u>Wind Socks-</u> A minimum of two wind socks should be installed at locations easily observable from all work areas. If more than two windsocks are needed in order to allow "workers" at all times to easily identify the wind direction; more windsock will be installed.

<u>Vehicle Parking-</u> Vehicles should be parked 200ft from well site with their noses pointing away from the well site. Preferably vehicles will be located up hill and up wind from the well along the escape route.

<u>Testing Fluids-</u> Swabbing and testing fluids containing H_2S will be pass through a separator to permit flaring of the gas. There will be a pilot light in such instances.

<u>Bug Blowers-</u> Circulation will be provided by explosion proof electric fans to all critical locations when necessary.

Drills reviewing all and any safety procedures including evacuation, rescue, and proper procedures to shut-in a well, and identify source of H₂S in instance of a leak will be practiced under the supervision of the safety company representative and company foreman. Proper use of breathing apparatus will be instructed during such drills. Drill schedule will be designed to familiarize new personnel with all safety procedures. Each crew should also be familiar with all operations. Drills should include a short work period in safety equipment.

2.3.3 Working Conditions

Occupational Safety and Health Administration (OSHA) has set guidelines for Permissible Exposure Limits (PEL) This standard is to be considered the threshold **never to be exceeded** for the health and safety of all workers on this site. Ideally, exposure would never be this high.

2.3.3.1 Exposure Limits

OSHA Permissible Exposure Limit (PEL) for General Industry: <u>29 CFR</u> <u>1910.1000 Z-2 Table</u> — Exposures shall not exceed 20 ppm (ceiling) with the following exception: if no other measurable exposure occurs during the 8-hour work shift, exposures may exceed 20 ppm, but not more than 50 ppm (peak), for a single time period up to 10 minutes.

OSHA Permissible Exposure Limit (PEL) for Construction Industry: <u>29 CFR</u> <u>1926.55 Appendix A</u> -- 10 ppm, 15 mg/m³ TWA (accessed via the internet at: http://www.osha.gov/dts/chemicalsampling/data/CH_246800.html#exposure on 19 July 2007)

The maximum exposure limit for an 8 hour day is less than 10 ppm.

2.4 H₂S Emergency Procedures

2.4.1 Incident

H₂S alarm system activation. Light and siren warnings or personal H₂S monitor activation for any one "worker."

2.4.2 Primary Emergency Procedure

- i. All rig crew personnel and all auxiliary personnel must DON BREATHING APPARATUS IMMEDIATELY.
- ii. Rig crew should mask up with SCBA type work packs preferentially
- iii. All auxiliary crew should move to safety briefing area, uphill and upwind.
- iv. All non-essential personal should continue to evacuate site.
- 2.4.3 Secondary Emergency Procedure

I. Supervisory Personnel

- i. Company Foreman
 - a. Proceed to cascade trailer and check for safe operation of cascade system
 - b. Proceed to active safety briefing areas and account for all personnel. If all personnel are not accounted for initiate appropriate search.
 - c. Return to drilling floor and supervise operations

ii. Toolpusher

- a. Proceed to cascade trailer and check if Company Foreman is operating cascade system safely. If NOT ensure safe operations of the cascade system.
- b. Proceed to drilling floor and supervise operations. Make sure all crew members are accounted for and institute buddy system. If all personnel are not accounted for, initiate appropriate search.

II. Rig Crew

- i. Driller
 - a. if drilling

- 1. after donning breathing apparatus proceed to console and raise Kelly to slip set position
 - 2. shut down mud pumps
 - 3. monitor well flow, remain at console
- 4. using hand signals verify all personnel are at stations, verify company man and toolpusher's position, initiate search if well is not flowing

b. If tripping

- 1. after donning breathing apparatus put pipe in the slip-set position
- 2. stab safety valve, close safety valve
- 3. monitor well flow-remain at console
- 4. watch derrickman descend from derrick, verify all personnel locations, verify company man and toolpusher's position, initiate search if well is not flowing
- c. if well is flowing
 - 1. after donning breathing apparatus, shut well in HARD
- 2. verify all personnel locations, verify company man and toolpusher's position, initiate search if necessary
 - 3. obtain necessary pressures for well control
- 4. Proceed to safety briefing area with crew, plan well control operations with all personnel

ii. Derrickman

- a. after donning breathing apparatus, go to pit side window on the floor whether drilling or tripping (descend derrick)
- b. maintain visual contact with driller and monitor flow
- c. if mud properties are needed, then proceed to the shaker with "buddy"
- d. monitor other hands on pit side of rig visually
- e. proceed to open manual well-head if necessary (with "buddy")

iii. Motorman

- a. after donning breathing apparatus, go to the cascade system and ensure safe operation
- b. maintain visual contact with chain hand on doghouse side of floor

iv. Chainhand

- a. after donning breathing apparatus, stab safety valve if tripping
- b. go to doghouse/pipe-rack and maintain visual contact with driller and motorman

v. Floorman

- a. after donning breathing apparatus, stab safety valve if tripping
- b. aid driller while maintaining visual contact with driller, derrickman, and chainhand

III. Auxiliary Personnel

- i. Mud engineer and Company man or geologist are to act as wardens. Wardens must account for all other auxiliary crew.
- ii. All auxiliary crew are to remain in safety briefing area unless evacuated by wardens.
- iii. Wardens organize search with notification from company. All searches are to be done with "buddy". Geologist warden should remain in safety briefing area.

2.4.4 Igniting the Well

I. Decision

- i. The Company Foreman holds the responsibility for the decision to ignite a well. In the case where he is incapacitated or absent authority passes to the toolpusher and then the contract driller
- ii. the decision to ignite the well is only to be made as a last resort safety measure when
 - a. there is threat human life and grave threat to public safety and equipment

- b. there is no alternative way of containing the well given the emergency faced.
- c. an attempt was made to contact area office (circumstances permitting)*

*when human life is threatened no delay in decision making can be afforded

I. Instructions for Igniting the Well

- i. Two individuals are required for ignition
- ii. Both individuals will wear SCBAs and have 200 foot retrieval cords tied to there waists
- iii. One individual will measure the atmosphere for explosive gasses with appropriate meter.
- iv. The other individual will remain in the safety briefing area
- v. Others in the briefing area are to remain aware of both individuals and aid as able. If either tethered individual is overcome by gas, he should be pulled to safety.
- vi. The well should be lit with a 25 mm meterotype flare gun when well conditions allow. The safest method of igniting the well should always be used.
- vii. Burning H₂S will produce sulfur dioxide which is poisonous. The area, therefore is not safe once the well has ignited. Continue to observe all emergency procedures and follow orders from supervisors and the area office. Notice of incident should be reported to all appropriate authorities.

3.0 Appendices

3.1	Check List for Safety Equipment (designed for a maximum of 11 people)
	Safety Trailer housing cascade system at least ten 300 cu. ft. bottles of compressed air
	7 SCBA type breathing apparatus with 45 cu. ft. bottles
	5 breathing masks connected to the cascade system with 7 cu. ft. pony bottles
	2 extra 300 cu. ft. bottles able to refill SCBA bottles to be placed at the safety briefing areas
	2 Wind socks
	1 Flare gun and flares
	1 rescue pack (as described in section 2.3.1)
	Warning signs for access (flags for marking conditions)
	"Safety Briefing Area" signs, evacuation route flags
	H ₂ S monitors (personnel and stationary)
	Alarm system (audio and visual—explosion proof)
	Gas Monitor

3.2 Emergency Phone Numbers

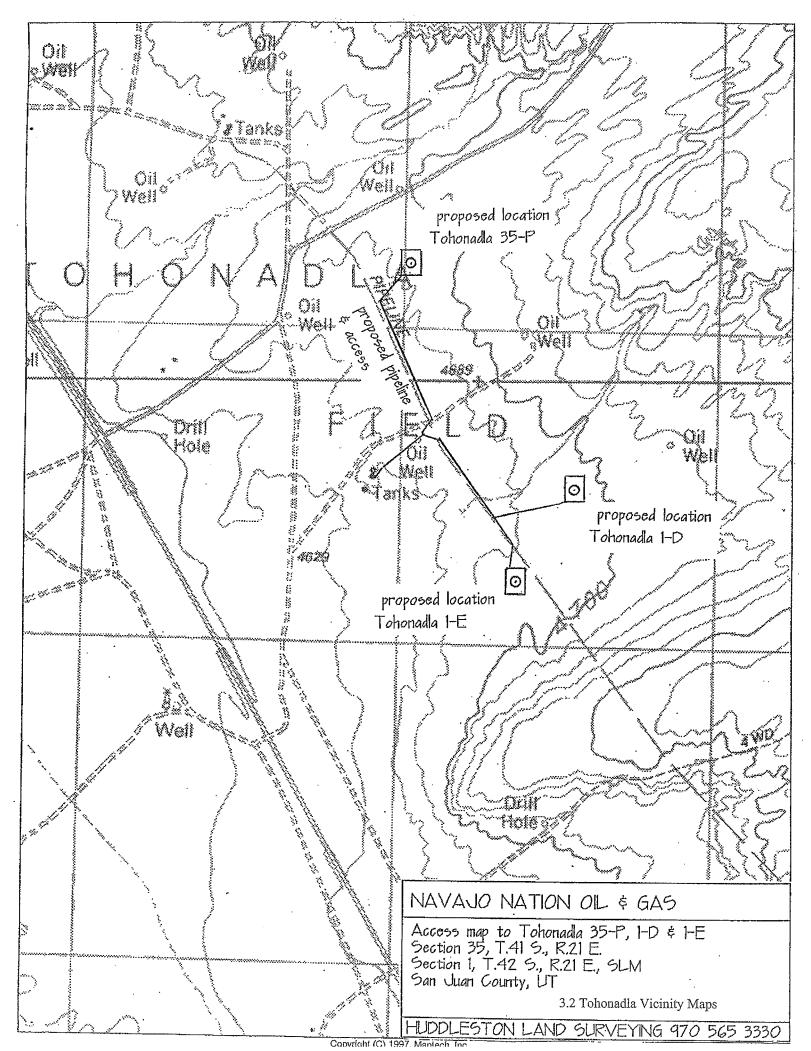
Navajo Nation Oil & Gas Company Personnel to be Notified

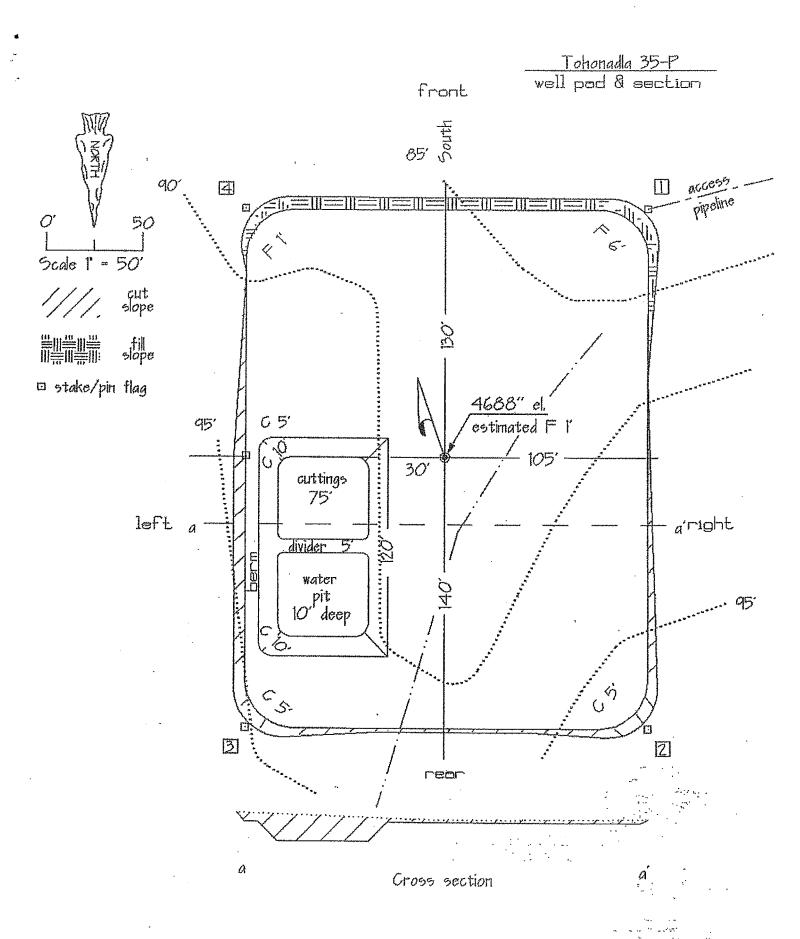
Wilson Groen		President		Office: (928) 871-4880 Cellular: (505) 879-6483 Direct (928) 871-8501
Rich Ferris Sam Butler Sallie Tippie	Cell: Cell: Cell:	303-618-2925 303-888-8920 303-884-8875		Home: 303-693-9207 Home: 303-329-9418 Home: 303-331-8695
Safety Company I	Personn	<u>el</u>		
(Name)		(Position)		(Number work)
				(Number home)
(Name)		(Position)		(Number work)
				(Number home)
Local Agencies				
San Juan County	Fire De	partment	(Monticello)	911
1				(435) 587-3225
San Juan County	Sheriff	(Monticello)		911
				(435) 587-2237
San Juan County En	nergenc	y Management (N	Ionticello)	(435)-587-3225
Blanding Medical 804 North 40		Blanding, UT		(435) 678-2254
San Juan Hospital 364 West 10		Monticello, UT		(435) 587-2116
Navajo Nation Po	lice (M	ontezuma Creek)	(505) 368-1350
	(N	Ionument Valley	7)	(505) 325-0022
Other Governmen	t Agend	<u>cies</u>		
National Response	e Cente	r	,	800-424-8802
BLM	Montio	cello Field Offic	е	(435) 587-1500
	Jeff Br	own		(435) 587-1525

	Mobile	(435) 459-4886
	Field Manager	(435) 587-1505
BLM	Farmington Field Office	(505) 599-8900
	Emergency line	(505) 599-8907
	Jim Lovato	(505) 599-6367
BIA, Window Roo	k Bertha Spencer	(928) 871-5938
Utah Division of	Oil, Gas and Mining (SLC)	
	During Office Hours	(801) 538-5340
	After Hours	(801) 243-9466
Utah State Emerg	ency Response Commission	(801) 536-4123
Utah Highway Pa	trol (Monticello)	(435) 587-2000
Mexican Water C	hapter House	(928) 674-3641
Red Mea Chapter	House	(928) 656-3655
Utah Health Depa	rtment (Price)	(435) 637-3671
US EPA Region 8	3 (Denver)	(800) 227-8917
Navajo Nation M	inerals Dept. (Window Rock, AZ)	(928) 871-6587
Veterinarian	Angel Peak Vet. Hospital (Farmington)	(505) 632-3561
Veterinarian	Farmington Veterinary Clinic	(505) 325-7462
Veterinarian	Watkins, Clyde H. DVM	(435) 678-2414
Helicopter	New Air Helicopters (Durango)	(970) 259-6247
Helicopter	Heli NM (Albuquerque)	(866) 995 1058
Blanding Air Am	bulance	(800) 742-8787
Classic Aviation		(800)-444-9220 ext 5

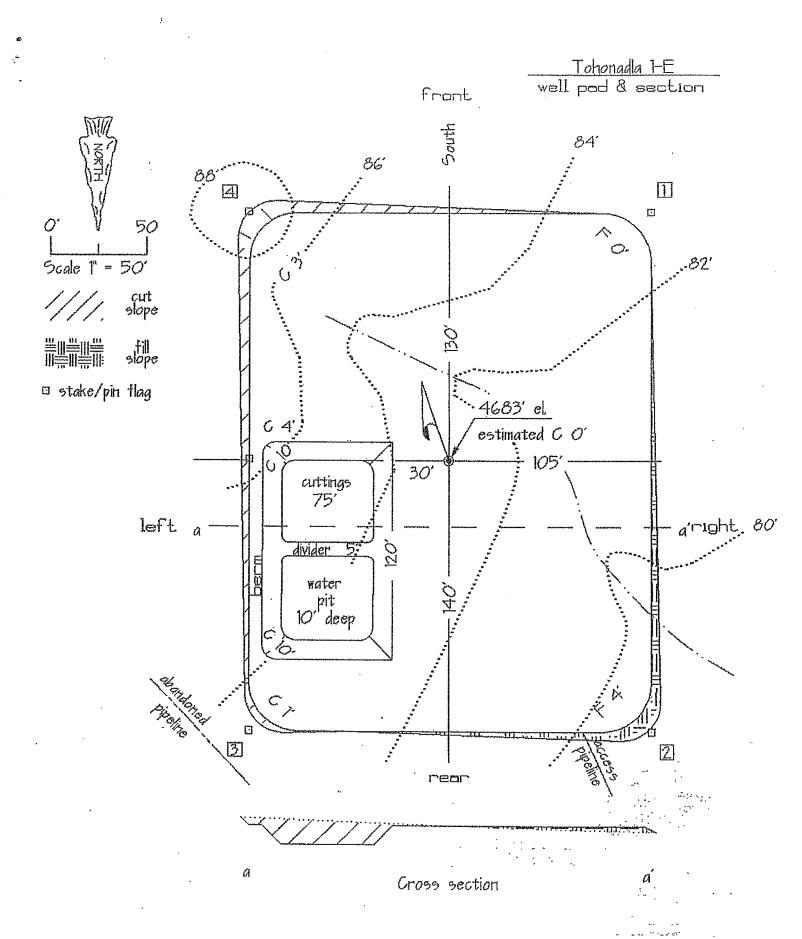
Emergency Phone Numbers Local Residents within 2 miles

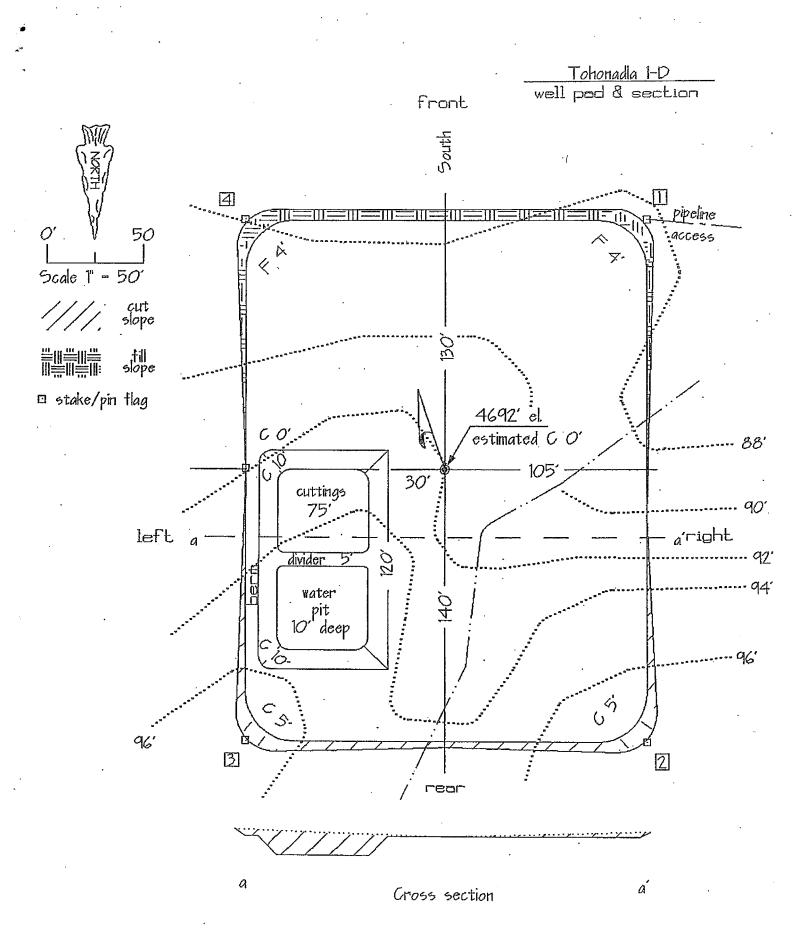
See maps to follow





3.2 Tohonadla Site Plans





3.2 Tohonadla Site Plans

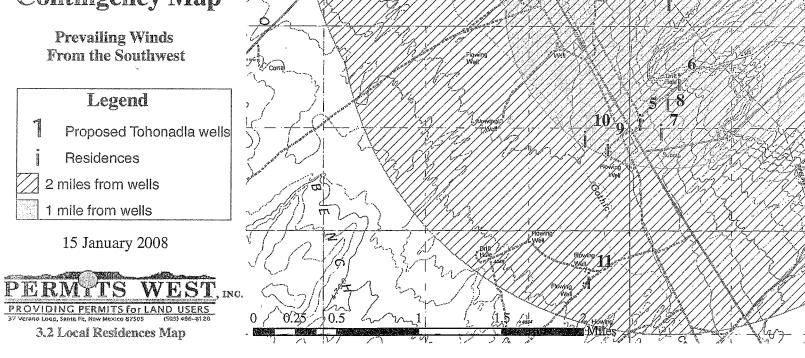
Proposed Tononadla Wells

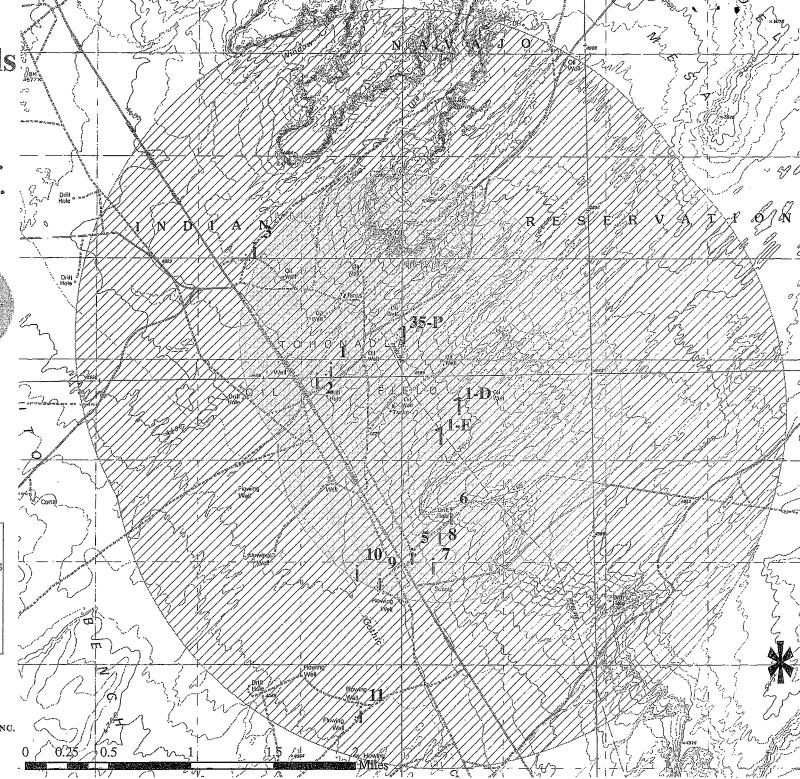
Navajo Nation Oil & Gas Co. Inc.

Sec. 35 T. 41 S., R. 21 E. Sec. 01 T. 42 N., R. 21 E. San Juan County, Utah



Local Residences Contingency Map





Proposed Tohonadla Wells

Navajo Nation Oil & Gas Co. Inc.

Sec. 35 T. 41 S., R. 21 E. Sec. 01 T. 42 N., R. 21 E.

San Juan County, Utah



Local Residences Contingency Map

Prevailing Winds From the Southwest

Legend									
李	Proposed Tohonadia wells								
龠	Residences								
\mathbb{Z}_2	miles from wells								
1	mile from wells								

15 January 2008

PERMATS	WEST
	WY LIDE, INC.
PROVIDING PERMITS Fo	LAND USERS
ar Varero Loon, baria Fe, Rew Wessea Resi	re ::505) 466-6120

3.2 Local Residences Key

ID.	Name	Phone	Comments
1.	Julias Stash	NO	1 beige house, 1 white single wide trailer, 1 hogan
2	Betty Stash	NO	1 light blue house
3	n/a	n/a	2 double wide beige trailers, 1 green house, 1 faded blue house
4	n/a	n/a	1 beige house, 1 gray trailer, 1 small metal building
5	n/a	n/a	1 large tan building (a child development center), 1 white single wide
6	n/a	n/a	1 tan house, small brown trailer
7	n/a	n/a	1 large gray and brown trailer
8	n/a	n/a	1 very large brown house
9	Tom Tsosie Boy	NO	Very large compound- 1 tan trailer, 1 brown double wide, 1 yellowish house, 3 hogans, 1 small brown house, 1 log cabin shed
10	Jean and James Benally	435.459.9975	1 white double wide
1:1	n/a	n/a	1 yellow house, 1 blue house, 1 white double wide, 1 small white house, 2 hogans, I log cabin shed

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/26/2010 **API NO. ASSIGNED:** 43037500050000 WELL NAME: TOHONADLA 35-P **OPERATOR:** NAVAJO NATION OIL & GAS CO (N2550) **PHONE NUMBER: 303 534-8300 CONTACT:** Al Zier PROPOSED LOCATION: SESE 35 410S 210E **Permit Tech Review: SURFACE: 1219 FSL 0722 FEL Engineering Review: BOTTOM:** 1219 FSL 0722 FEL **Geology Review: COUNTY: SAN JUAN LATITUDE:** 37.17651 **LONGITUDE:** -109.56921 UTM SURF EASTINGS: 627018.00 **NORTHINGS:** 4115208.00 FIELD NAME: TOHONADLA LEASE TYPE: 2 - Indian **LEASE NUMBER:** 1420603229 PROPOSED PRODUCING FORMATION(S): LEADVILLE SURFACE OWNER: 2 - Indian **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:** ✓ PLAT R649-2-3. Bond: INDIAN - BIA RLB0006712 Unit: Potash R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception Oil Shale 190-13 **Drilling Unit Board Cause No:** R649-3-3 Water Permit: 09-135 **Effective Date: RDCC Review:** Siting: **Fee Surface Agreement** R649-3-11. Directional Drill **Intent to Commingle Commingling Approved**

IRR SEC:

Comments:

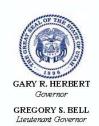
Stipulations:

1 - Exception Location - bhill 4 - Federal Approval - dmason

23 - Spacing - dmason

Presite Completed

API Well No: 43037500050000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: TOHONADLA 35-P **API Well Number:** 43037500050000

Lease Number: 1420603229 Surface Owner: INDIAN Approval Date: 9/2/2010

Issued to:

NAVAJO NATION OIL & GAS CO, P.O. Box 4439, Window Rock, AZ 86515

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the LEADVILLE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during

API Well No: 43037500050000

drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

Brad Hill

Acting Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

zip 86515

Operator:

NAVAJO NATION OIL & GAS COMPANY

Operator Account Number: N 2550

Address:

PO BOX 4439

city WINDOW ROCK

state AZ

Phone Number: (303) 534-8300

Weli 1

API Number	Well	QQ SESE	Sec 35	Twp	Rng Count			
4303750005	TOHONADLA 35-P			418	21E	SAN JUAN		
Action Code	Current Entity Number	Spud Date		Entity Assignment Effective Date				
Α	99999	17840	8/29/20		0	10/28/10		
Comments:	.bLL		8/	12/10				

Well 2

		Well Name			Twp	Rng County		
4303750006	TOHONADLA 1-E	SWNW	1	42S	21E	SAN JUAN		
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date			
Α	99999	17841	8/15/2010			10/28/10		

Well 3

Well N	QQ Sec Twp			Rng County			
Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date		
	Current Entity		Current Entity New Entity S	Current Entity New Entity Spud Date	Current Entity New Entity Spud Date	Current Entity New Entity Spud Date Entit	

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

OCT 2 5 2010

A. D. Zier

Name (Please Print)

Signature

Operations Engineering Mgr

10/21/2010

Title

Date

(5/2000)

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: 1420603229
	RY NOTICES AND REPORT		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
	sals to drill new wells, significantly deepo ugged wells, or to drill horizontal laterals		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: TOHONADLA 35-P
2. NAME OF OPERATOR: NAVAJO NATION OIL & GAS C	co		9. API NUMBER: 43037500050000
3. ADDRESS OF OPERATOR: P.O. Box 4439 , Window Rock		ONE NUMBER: 800 Ext	9. FIELD and POOL or WILDCAT: TOHONADLA
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1219 FSL 0722 FEL			COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESE Section: 35	IP, RANGE, MERIDIAN: Township: 41.0S Range: 21.0E Meridian	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC.	ATE NATURE OF NOTICE, REF	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMA	TIONS CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	L PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
8/29/2010	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	│		☐ WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
Drilled and set 80' o Bearcat Drilling LLC 1415', ran and cem	f 16" conductor 8/12 to 8/14 to 8/29/2010 Surfa ented 8 5/8" 24#, K55 casin th 580sx. Cement circulated	/2010. Started drilling ce Casing Detail: Drille g on 8/30/2010. Cemer to surface.	with d to Accepted by the
NAME (PLEASE PRINT) Al Zier	PHONE NUMBE 303 534-8300	R TITLE Operations/Production M	anager
SIGNATURE N/A		DATE 10/25/2010	

Lease			Well No.	Location		County/State	Boul	Cat 2
					440045	1	l lank	Report Date
Tohonadla		35-P	sec.35	-41S21E	San Juan Co.	Utah	09/15/2010	
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
RDM	0		5,887		0	0	18	215.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	sembly
Drlg.		Bit No.			Weight		Collars	,
Ream/wash		Size			Visc (Sec)		Motor	
Circulating		Mfg.			W.LCC's		Hwbp	
Rig Serv.		Туре			FC 32's		WOB	
Trips		Serial No			рН		RPM (Top/Bit)	
Surveys		In			Solids %		ru m (rop/bit)	
Cmtg.		Out			Gels			
Run Csg.		Ftg			PV		PUMP	DATA
Ck BOP		Hrs.			YP		Liners	
Logging		Rate(ft/hr)			SS		Stroke	
Rig Rprs		Jets			CA		SPM	
MIRU		TBG			CL		Press(on/off btm)	
COST DETAIL		AILY	CUMUL	ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads& Permits		\$6,912	\$25,179		Anchors			\$852
Rig Cost		\$11,850	\$264,257		Cement			\$91,69
Bits		Ψ11,000	\$25,400		Welder			\$1,20
Mud			\$27,116		Surf Rental	Fauin	\$600	\$10,60
Water			\$19,980		Fuel	_qaip	φοσο	\$28,46
Supervision		\$750	\$16,310		Trucking			\$4,12
Geological/Mud Logger		ψίου	\$9,900		Logging			\$73,79
Conductor, Rat & Mouse			ψ5,500		Test BOPs			\$2,680
Casing & Pipe			\$37,046		Wellhead (M	lisc)		\$3,27
Motor			\$26,298			L COST	\$20,112	\$668,16
iviotoi			Ψ20,200				Ψ20,112	φοσο, το
DETAILS:								
Waited on cement, cutoff	casing, c	leaned mud	tanks, and rel	eased rig at	Noon 9/14/1	0		
Final Report till completio	n activitie	es start.						
_								
Well Site Representative:	Randy 9	shelton						

						perating, LLC	Bear	cat 2
Lease			Well No.	Location		County/State)	Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	o. Utah	09/14/2010
Current Operation			Total Depth	I	Footage	Hours	Days Since Spud	Cum Rot Hrs.
Cementing		5,887	•	0	0	17	215.25	
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.		Bit No.	3		Weight	9.3	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	46	Motor	30.11
Circulating	6.00	Mfg.	Reed		W.LCC's	6	Hwbp	121.99
Rig Serv.		Туре	r30p		FC 32's	2	WOB	40,000
Trips	6.25	Serial No	l81369		рН	11	RPM (Top/Bit)	50/120
Surveys		In	5,078		Solids %	4		
Cmtg.	6.50	Out	5,887		Gels			l
Run Csg.	5.25		809		PV	19	PUMP	DATA
Ck BOP		Hrs.	70.25		YP	9	Liners	6.5
Logging		Rate(ft/hr)	11.5		SS	Trace	Stroke	9
Rig Rprs		Jets	3x18		CA	200	SPM	116
MIRU		TBG	bt/in		CL	1,800	Press(on/off btm)	1,680
COST DETAIL	D	AILY	CUMUL	_ATIVE		ΓDETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$85
Rig Cost		\$11,850	\$252,407		Cement		\$51,169	\$91,69
Bits			\$25,400)	Welder			\$1,20
Mud			\$27,116		Surf Rental	Equip	\$600	\$10,00
Water		\$1,500	\$19,980)	Fuel			\$28,46
Supervision		\$750	\$15,560		Trucking			\$4,12
Geological/Mud Logger			\$9,900)	Logging			\$73,79
Conductor, Rat & Mouse					Test BOPs			\$2,68
Casing & Pipe		\$76,261	\$37,046		Wellhead (N	/lisc)		\$3,27
Motor			\$26,298		TOTA	AL COST	\$142,130	\$648,05
DETAILS:								
6:00AM-6:30AM (1.5) Cir	C.					-		-
6:30AM-12:45PM (6.25) L	aying do	wn DP and I	BHA.					
12:45PM-6:00PM (5.25) I	Run Csg.	Guide sho	e 15 centraliz	ers. DV too	l 4,885'. 144	jts. 5 1/2" 17	lbs, J 55. Wash dow	vn 80' to bottom.
6:00PM-7:00PM (1) Circ.								
7:00PM-10:30PM (3.5) R	U Halibur	rton. Pump	first stage. P	ump 10 Bbl	s of H20. 20	Bbls chem wa	sh. 5 Bbls H20. Pur	np 200 sx Class
5 lbs gilsonite6% Halad	R9. 2%	defoamer.	Weight 15.4 p	ppg, yield 1.	22 cu ft/sx. C	Circ well. Reco	over 3 Bbls cement.	
10:30PM-3:00AM (4.5) C	irc. Wait	on cement.						
3:00AM-6:00AM (3) Pum	np stage 2	2. Pump 10	Bbls H20 w/	dye. 20 Bbl	s chem wash	n. 5 Bbls H20.	Lead w/ 925 sacks	Light premium. 5
gilsonite125% Poly Flat	ke Wein	ht 12 4 ppg	vield 1.87 cu	ıft/sx Tail v	v/ 50 sacks d	lass G 2% Ha	lad R9	

5 lbs gilsonite6% Halad R9. 2% defoamer. Weight 15.4 ppg, yield 1.22 cu ft/sx. Circ well. Recover 3 Bbls cement.
10:30PM-3:00AM (4.5) Circ. Wait on cement.
3:00AM-6:00AM (3) Pump stage 2. Pump 10 Bbls H20 w/ dye. 20 Bbls chem wash. 5 Bbls H20. Lead w/ 925 sacks Light premium. 5 lb
gilsonite125% Poly Flake. Weight 12.4 ppg, yield 1.87 cu ft/sx. Tail w/ 50 sacks class G .2% Halad R9.
Weight 15.8 ppg, yield 1.15 cu ft/sx. Displace w/ 114 Bbls H20
Bumped plug 3 times would not close DV tool. Shut in w/ Pressure on Csg. Recovered green dye.
Well Site Representative: Randy Shelton
October 25, 2010

Lease Tohonadla Current Operation Circ Time Summary Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg.	Hrs.		Well No. 35-P Total Depth		5-41S21E Footage	County/State San Juan Co. Hours		09/13/2010
Current Operation Circ Time Summary Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg.	Hrs.		Total Depth					
Time Summary Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg.	Hrs.		-		Footage	Houre	D 0: 0	0 D. ()
Time Summary Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg.	Hrs.		E 007		. ootago	110015	Days Since Spud	Cum Rot Hrs.
Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg.			5,887		0	0	16	215.25
Ream/wash Circulating Rig Serv. Trips Surveys Cmtg.			Bit Record		Mud	Record	Drlg As	sembly
Circulating Rig Serv. Trips Surveys Cmtg.		Bit No.	3		Weight	9.3	Collars	613.36
Rig Serv. Trips Surveys Cmtg.	1.00	Size	7 7/8		Visc (Sec)	46	Motor	30.11
Rig Serv. Trips Surveys Cmtg.	1.50	Mfg.	Reed		W.LCC's	6	Hwbp	121.99
Trips Surveys Cmtg.		Туре	r30p		FC 32's	2	WOB	40,000
Surveys Cmtg.	3 50	Serial No	I81369		pН	11	RPM (Top/Bit)	50/120
Cmtg.	0.00	In	5,078		Solids %	4	ru w (rop/bit)	00/120
•		Out	5,887		Gels			
rtuii oog.		Ftg	809		PV	19	PUMP	DATA
Ck BOP		Hrs.	70.25		YP	9	Liners	6.5
Logging	18.00	Rate(ft/hr)	11.5		SS	Trace	Stroke	9
Rig Rprs	10.00	Jets	3x18		CA	200	SPM	116
MIRU		TBG	bt/in		CL	1,800	Press(on/off btm)	1,680
COST DETAIL	D	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	\$240,557		Cement			\$40,522
Bits		ψ11,000	\$25,400		Welder			\$1,200
Mud		\$496			Surf Rental	Fauip	\$600	\$9,400
Water		\$280	\$18,480		Fuel	_ 4«··b	+	\$28,466
Supervision		\$750	\$14,900		Trucking			\$4,121
Geological/Mud Logger		\$1,100	\$9,900		Logging		\$73,791	\$73,791
Conductor, Rat & Mouse		Ψ.,.σσ	40,000		Test BOPs		4.0,.0.	\$2,680
Casing & Pipe			\$32,470		Wellhead (M	lisc)		\$3,278
Motor			\$26,298			L COST	\$88,867	\$577,698
			. ,	<u> </u>	·!		. ,	, ,
DETAILS:								
6:00AM-12:00AM (18) Log	 	n Schlumber	ger Pressure	tool.				
12:00AM-3:30A M (3.5) G								
3:30AM-4:30AM (1) Was		ım 90' to bot	tom.					
4:30AM-6:00AM (1.5) Cir	C.							
Well Site Representative:								

Bit No. 5 Size 0 Mfg. Type 0 Serial No In Out Ftg Hrs. 0 Rate(ft/hr) 5 Jets	Well No. 35-P Total Depth 5,887 Bit Record 3 7 7/8 Reed r30p 181369 5,078 5,887 809	Location sec.35	Footage 0 Mud Weight Visc (Sec) W.LCC's FC 32's pH	County/State San Juan Co Hours 0 Record 9.3 47 6	Days Since Spud 15	Report Date
Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr)	Total Depth 5,887 Bit Record 3 7 7/8 Reed r30p 181369 5,078 5,887	sec.35	Footage 0 Mud Weight Visc (Sec) W.LCC's FC 32's	Hours 0 Record 9.3 47 6	Days Since Spud 15 Drlg As Collars Motor	Cum Rot Hrs. 220 ssembly 613.36 30.11
Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr)	5,887 Bit Record 3 7 7/8 Reed r30p l81369 5,078 5,887		0 Mud Weight Visc (Sec) W.LCC's FC 32's	0 Record 9.3 47 6	15 Drlg As Collars Motor	220 ssembly 613.36 30.11
Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr)	Bit Record 3 7 7/8 Reed r30p I81369 5,078 5,887		Mud Weight Visc (Sec) W.LCC's FC 32's	Record 9.3 47 6	Drlg As Collars Motor	613.36 30.11
Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr)	3 7 7/8 Reed r30p l81369 5,078 5,887		Weight Visc (Sec) W.LCC's FC 32's	9.3 47 6	Collars Motor	613.36 30.11
Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr)	7 7/8 Reed r30p l81369 5,078 5,887		Visc (Sec) W.LCC's FC 32's	47 6	Collars Motor	613.36 30.11
Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr)	7 7/8 Reed r30p l81369 5,078 5,887		Visc (Sec) W.LCC's FC 32's	47 6		30.11
Type) Serial No In Out Ftg Hrs.) Rate(ft/hr)	r30p l81369 5,078 5,887		FC 32's		Hwbp	
Type) Serial No In Out Ftg Hrs.) Rate(ft/hr)	r30p l81369 5,078 5,887		FC 32's			121.99
Serial No In Out Ftg Hrs. Rate(ft/hr)	181369 5,078 5,887		1	2	WOB	40,000
In Out Ftg Hrs. Rate(ft/hr)	5,078 5,887		IDH	11.5	RPM (Top/Bit)	50/120
Out Ftg Hrs. D Rate(ft/hr)	5,887		Solids %	4	Tti W (Top/Bit)	00/120
Ftg Hrs. Rate(ft/hr)			Gels	•		
Hrs. Rate(ft/hr)			PV	19	PUMP	DATA
Rate(ft/hr)	70.25		YP	10	Liners	6.5
	11.5		SS	0.25	Stroke	9
000	3x18		CA	200	SPM	116
TBG	bt/in		CL	1,800	Press(on/off btm)	1,680
DAILY	CUMUL	ATI\/E		DETAIL	DAILY	CUMULATIVE
DAILI		ATIVE		DETAIL	DAILT	
\$11,850	\$18,267 \$228,707		Anchors Cement			\$852 \$40,522
φ11,000	\$25,400		Welder			\$1,200
\$401	\$25,400			Equip	\$600	\$8,800
\$280			Surf Rental E Fuel	=quip	\$600	\$28,466
\$260 \$750						·
\$1,100			Trucking			\$4,121
\$1,100	\$6,000		Logging Test BOPs			\$2,680
	\$32,470		Wellhead (M	ico)		\$3,278
	\$26,298			L COST	\$14,981	\$488,831
	Ψ20,200				ψ11,001	Ψ100,001
erger.						_
cut Drlg line.						_
d ream 60' to	bottom.					
p. Circ.						
. 5				0 11		
		ig tools to a	depth 5,800°.	Could not get	any deeper. Ran Tri _l	ople Combo and So
d started run	ning in hole.					
	Shelton	Shelton	Shelton	Shelton	Shelton	Shelton

							Bear	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	Utah	09/11/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Loggir	ng		5,887	2	42	4.75	14	220
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.	4.75	Bit No.	3		Weight	9.3	Collars	613.36
Ream/wash	0.75	Size	7 7/8		Visc (Sec)	47	Motor	30.11
Circulating	3.50	Mfg.	Reed		W.LCC's	5.6	Hwbp	121.99
Rig Serv.		Туре	r30p		FC 32's	2	WOB	40,000
Trips		Serial No	I81369		рН	11.5	RPM (Top/Bit)	50/120
Surveys	0.25		5,078		Solids %	4	(1.5)	00,1=0
Cmtg.		Out	5,887		Gels			<u> </u>
Run Csg.		Ftg	809		PV	20	PUMF	P DATA
Ck BOP		Hrs.	70.25		YP	10	Liners	6.5
Logging	4.50	Rate(ft/hr)	11.5		SS	0.25	Stroke	9
Rig Rprs		Jets	3x18		CA	200	SPM	116
MIRU		TBG	bt/in		CL	1,800	Press(on/off btm)	1,680
COST DETAIL	D	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	\$216,857		Cement			\$40,522
Bits			\$25,400		Welder			\$1,200
Mud		\$1,018	\$26,219		Surf Rental	Equip	\$600	\$8,200
Water		\$480	\$17,920		Fuel			\$28,466
Supervision		\$750	\$13,400		Trucking			\$4,121
Geological/Mud Logger		\$1,100	\$7,700		Logging			
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$32,470		Wellhead (M	lisc)		\$3,278
Motor		\$522	\$26,298		TOTA	L COST	\$16,320	\$473,850
DETAILS:								
6:00AM-8:15AM (2.25) Dr	rlg.							
8:15AM-8:30A M (.25) Ri	g serv.							
8:30AM-11:00AM (2.5) D								
11:00AM-1:00PM (2) Pur	np sweep	o. Circ.						
1:00PM-6:30PM (5.5) Sho	ot trip to s	surface csg.						
6:30PM-7:15PM (.75) Red	eming 70'							
7:15PM-8:45PM (1.5) Pu	mp swee	p. Circ.						
8:45PM-9:00PM (.25) Su	-	_						
9:00PM-1:30AM (4.5) PC		•						
1:30AM-6:00AM (4.5) RL	J Sclumbe	erger. Run l	ogs to 1,600'.	. Could not	get down.			
Floor hand smashed finge	er. No los	ss time.						
Well Site Representative:	Randy S	helton						

							Dea	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	Utah	09/10/2010
Current Operation			Total Depth	<u> </u>	Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			5,845		206	19	13	215.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg A	ssembly
Drlg.	19.00	Bit No.	3		Weight	9.3	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	47	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	5.6	Hwbp	121.99
Rig Serv.		Туре	r30p		FC 32's	2	WOB	40,000
Trips		Serial No	I81369		рH	11.5	RPM (Top/Bit)	50/120
Surveys		In	5,078		Solids %	4	(- -	
Cmtg.		Out			Gels			<u>.l</u>
Run Csg.		Ftg	767		PV	20	PUMF	P DATA
Ck BOP		Hrs.	65.5		YP	10	Liners	6.5
Change BHA		Rate(ft/hr)	11.7		SS	0.25	Stroke	9
Rig Rprs	4.50	Jets	3x18		CA	200	SPM	116
MIRU		TBG			CL	1,800	Press(on/off btm)	1,680
COST DETAIL	D	AILY	CUMUL	_ATIVE		ΓDETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	\$205,007		Cement			\$40,522
Bits			\$25,400	+	Welder			\$1,200
Mud		\$2,009	\$25,201		Surf Rental	Equip	\$600	
Water		\$340	\$17,440		Fuel		\$5,997	· · · · · · · · · · · · · · · · · · ·
Supervision		\$750	\$12,650		Trucking		\$2,640	
Geological/Mud Logger		\$1,100	\$6,600		Logging			
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe		\$2,077	\$32,470		Wellhead (M	/lisc)		\$3,278
Motor		\$2,090	\$25,776		TOTA	AL COST	\$29,453	\$457,530
DETAILS:								
6:00AM-10:30AM (4.5) W	/orking or	n pumps.						
10:30AM-6:00PM (7.5) D	rlg.							
6:00PM-6:30PM (.5) Rig	serv.							
6:30PM-6:00AM (11.5) D	rlg.							
Well Site Representative:	Randy Si	helton						

							Веа	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/09/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Rig repa	airs		5,639		262	21.5	12	196.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drla A:	ssembly
Drlg.		Bit No.	3		Weight	9.3	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	40	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	6.8	Hwbp	121.99
Rig Serv.	0.50	Туре	r30p		FC 32's	2	WOB	40,000
Trips	0.00	Serial No	I81369		pH	11.5	RPM (Top/Bit)	50/120
Surveys		In	5,078		Solids %	4	KEW (TOP/DIL)	30/120
Cmtg.		Out	3,078		Gels	4		
Run Csg.		Ftg	561		PV	18	DIIME	PDATA
Ck BOP		Hrs.	46.5		YP	0.8	Liners	6.5
Change BHA			12		SS		Stroke	9
	2.00	Rate(ft/hr) Jets	3x18		CA	0.25 160	SPM	107
Rig Rprs MIRU	2.00	TBG	3810		CL	1,800	Press(on/off btm)	1,450
		1				,		·
COST DETAIL	D	AILY	CUMUL	_ATIVE	COST	DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	\$193,157		Cement			\$40,522
Bits			\$25,400		Welder			\$1,200
Mud		\$1,884	\$23,192		Surf Rental	Equip	\$600	\$7,000
Water		\$430			Fuel			\$22,469
Supervision		\$750	\$11,900		Trucking			\$1,481
Geological/Mud Logger		\$1,100	\$5,500	,	Logging			
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M			\$3,278
Motor		\$2,365	\$23,686		TOTA	L COST	\$18,979	\$428,077
DETAILS:								
6:00AM-945AM (3.75) Di	lg.							
9:45AM-10:00AM (.25) R	-							
10:00AM-6:30PM (8.5) D								
6:30PM-6:45PM (.25) Rig	-							
6:45PM-4:00AM (9.25								
4:00AM-6:00AM (2) V		mud pumr).					
()								
			-		-			
	-							
Well Site Representative:	Randy S	helton						

							Deal	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	-41S21E	San Juan Co.	Utah	09/08/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			5,377		287	22.5	11	174.75
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.		Bit No.	3		Weight	9	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	40	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	8	Hwbp	121.99
Rig Serv.	1.00	Туре	r30p		FC 32's	2	WOB	30x40
Trips		Serial No	I81369		pН	12	RPM (Top/Bit)	50/120
Surveys	0.50		5,078		Solids %	4	TO W (TOP/Bit)	00/120
Cmtg.	0.00	Out	0,070		Gels	•		
Run Csg.		Ftg	299		PV	17	PUME	PDATA
Ck BOP		Hrs.	25		YP	9	Liners	6.5
Change BHA		Rate(ft/hr)	12		SS	0.25	Stroke	9
Rig Rprs		Jets	3x18		CA	200	SPM	120
MIRU		TBG	3210		CL	1,300	Press(on/off btm)	1,625
COST DETAIL	D	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850			Cement			\$40,522
Bits		Ψ11,000	\$25,400		Welder			\$1,200
Mud		\$2,442			Surf Rental	Fauip	\$600	
Water		\$480			Fuel	_qa.p	\$5,773	. ,
Supervision		\$750			Trucking		ψο,110	\$1,481
Geological/Mud Logger		\$1,100			Logging			ψ1,101
Conductor, Rat & Mouse		Ψ1,100	Ψ1,100		Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M	(lisc)		\$3,278
Motor		\$2,475				L COST		\$409,098
DETAILS:				•	•		•	
6:00AM-10:00AM (4) Drl	<u> </u>							
10:00AM-10:30AM (.5) R								
10:30AM-5:15PM (6.75)								
5:15PM-5:30PM (.25) Rig								
5:30PM-7:30PM (2)								
7:30PM-8:00PM (.5)		1 25 dear	@ 5 192					
8:00PM-12:30AM (4.5		1.20 dogi.	© 0,102.					
12:30AM-12:45AM (.2	, 	erv						
12:45AM-6:00AM (5.2	<u>, </u>							
(0	, <u>-</u> <u>g</u> .							
Well Site Representative:	Randy S	helton						

							Bear	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/07/2010
Current Operation			Total Depth	I	Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			5,090		90	14.75	10	152.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.	14.75	Bit No.	2	3	Weight	9.2	Collars	613.36
Ream/wash	1.00	Size	7 7/8	7 7//8	Visc (Sec)	40	Motor	30.11
Circulating	1.00	Mfg.	Reed	Reed	W.LCC's	6.4	Hwbp	121.99
Rig Serv.		Туре	e1046b3	r30p	FC 32's	2	WOB	2
Trips		Serial No	124414	I81369	рН	10.5	RPM (Top/Bit)	50/120
Surveys		In	1,415	5078	Solids %	4	· · · · · · · · · · · · · · · · · · ·	307:20
Cmtg.		Out	5,078	00.0	Gels	•		<u>I</u>
Run Csg.		Ftg	3,663	12	PV	16	PUME	PDATA
Ck BOP		Hrs.	108.25	2.5	YP	8	Liners	6.5
Change BHA	0.75	Rate(ft/hr)	33.8	4.8	SS	0.25	Stroke	9
Rig Rprs	0.70	Jets	6x16	3x18	CA	200	SPM	120
MIRU		TBG	N/G	OXIO	CL	1,000	Press(on/off btm)	1,550
COST DETAIL	D	AILY	CUMUL	ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads	<u> </u>		\$18,267		Anchors			\$852
Rig Cost		\$11,850			Cement			\$40,522
Bits		\$5,800			Welder			\$1,200
Mud		\$1,928			Surf Rental	Equip	\$600	
Water		\$480	\$16,240		Fuel		, , , , ,	\$16,696
Supervision		\$750	\$10,400		Trucking			\$1,481
Geological/Mud Logger		\$1,100	\$3,300		Logging			, , -
Conductor, Rat & Mouse		+ /	+ - /		Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M	lisc)		\$3,278
Motor		\$1,623	\$18,846			L ĆOST		\$383,678
DETAILS:								
6:00AM-12:00PM (6) Drlg								
12:00PM-12:15PM (.25)	·							
12:15PM-6:30PM (6.25)								
6:30PM-7:30PM (1) Circ.		n mud, and p	ump sweep.					
7:30PM-11:00PM (3.5								
11:00PM-11:45PM (.7	⁷ 5) Cha	nge out mo	otor.					
11:45PM-2:30AM (2.7								
2:30AM-3:30AM (1) W				5,078.				
Well Site Representative:	Randy S	helton						
<u> </u>								

							Bea	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/06/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			5,000)	285	22.25	9	137.5
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg A	ssembly
Drlg.		Bit No.	2		Weight	9.2	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	37	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	8.4	Hwbp	121.99
Rig Serv.	0.75	Туре	e1046b3		FC 32's	2	WOB	2
Trips	00	Serial No	124414		pH	11	RPM (Top/Bit)	50/120
Surveys	1.00		1,415		Solids %	4	KEWI (TOP/DIL)	30/120
Cmtg.	1.00	Out	1,413		Gels	4		
-		Ftg	3,585		PV	12	DLIME	PDATA
Run Csg.		1	96		YP			6.5
Ck BOP		Hrs.				0.7	Liners	9
Ck Rotating HD		Rate(ft/hr)	37.3		SS	0.25	Stroke	
Rig Rprs		Jets	6x16		CA	249	SPM	122
MIRU		TBG			CL	1,000	Press(on/off btm)	1,400
COST DETAIL	D	AILY	CUMUL	_ATIVE	COST	DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	+	Anchors			\$852
Rig Cost		\$11,850	\$157,607	,	Cement			\$40,522
Bits			\$19,600		Welder			\$1,200
Mud		\$2,710	\$16,938	}	Surf Rental	Equip	\$600	\$5,200
Water		\$220	\$15,760)	Fuel			\$16,696
Supervision		\$750	\$9,650		Trucking			\$1,481
Geological/Mud Logger		\$1,100	\$2,200)	Logging			
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M			\$3,278
Motor		\$2,448	\$17,223		TOTA	L COST		\$359,547
DETAILS:								
6:00AM-9:00AM (3) Drlg.								
9:00AM-10:00AM (1) Rig		ırvey .25 ded	gr. @.					
10:00AM-6:00PM (8) Drlg		, ,						
6:00PM-6:30PM (.5) Rig s								
6:30PM-2:45AM (8.25								
2:45AM-3:00AM (.25)		rv.						
3:00AM-6:00AM (3) D								
Well Site Representative:								

							Bear	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/05/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			4,715	ı	665	22.25	8	115.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.	22.25	Bit No.	2		Weight	9	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	36	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	8.4	Hwbp	121.99
Rig Serv.	1.25	Туре	e1046b3		FC 32's	2	WOB	20x25
Trips		Serial No	124414		рН	10.5	RPM (Top/Bit)	50/120
Surveys	0.50		1,415		Solids %	3	· · · · · (· · · · · · · · · · · · · ·	33, 12
Cmtg.		Out	.,		Gels			
Run Csg.		Ftg	3,300		PV	9	PUMF	PDATA
Ck BOP		Hrs.	73.75		YP	0.5	Liners	6.5
Ck Rotating HD		Rate(ft/hr)	47.7		SS	0.25	Stroke	9
Rig Rprs		Jets	6x16		CA	200	SPM	125
MIRU		TBG			CL	1,000	Press(on/off btm)	1,450
COST DETAIL	D	AILY	CUMUL	_ATIVE	COST	DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	\$145,757		Cement			\$40,522
Bits			\$19,600		Welder			\$1,200
Mud		\$2,697	\$14,228		Surf Rental	Equip	\$600	\$4,600
Water		\$420	\$15,540		Fuel			\$16,696
Supervision		\$750	\$8,900		Trucking			\$1,481
Geological/Mud Logger		\$1,100	\$1,100		Logging			
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M	lisc)		\$3,278
Motor	<u> </u>	\$2,450	\$14,775		TOTA	L COST		\$339,869
DETAILS:								
6:00AM-8:30AM (2.5) Drl	g.							
8:30AM-8:45AM (.25) Rig	g serv.							
8:45AM-1:30PM (4.25) D	rlg.							
1:30PM-2:00PM (.5) Surv	ey 1.25 d	legr. @ 4,24	2.					
2:00PM-4:15PM (2.25	Drlg.							
4:15PM-4:45PM (.5)	Rig serv	<i>/</i> .						
4:45PM-12:00AM (7.2	25) Drlg.							
12:00AM-12:30AM (.5) Ri	g serv.							
12:30AM-6:00AM (5.5) D	rlg.							
<u> </u>								
Well Site Representative:	Randy SI	helton						

							Bear	cat 2
Lease	_		Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	Utah	09/04/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			4,050)	778	22.5	7	93
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.	22.50	Bit No.	2		Weight	8.5	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	27	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	N/C	Hwbp	121.99
Rig Serv.	1.00	Туре	e1046b3		FC 32's	NA	WOB	20x25
Trips		Serial No	124414		рН	10.5	RPM (Top/Bit)	50/120
Surveys	0.50		1,415		Solids %	1	(33.723
Cmtg.		Out	.,		Gels	0		
Run Csg.		Ftg	2,635		PV	3	PUMF	DATA
Ck BOP		Hrs.	51.5		YP	1	Liners	6.5
Ck Rotating HD		Rate(ft/hr)	51.2		SS	Nil	Stroke	9
Rig Rprs		Jets	6x16		CA	400	SPM	120
MIRU		TBG	OXIO		CL	1,000	Press(on/off btm)	1,270
COST DETAIL	D	AILY	CUMUI	LATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850		1	Cement			\$40,522
Bits		Ψ,σσσ	\$19,600	1	Welder			\$1,200
Mud		\$1,791	\$11,531		Surf Rental	Equip	\$600	
Water		\$220		1	Fuel	<u> </u>	7333	\$16,696
Supervision		\$750		1	Trucking			\$1,481
Geological/Mud Logger		· · · · · · · · · · · · · · · · · · ·	. ,		Logging			. ,
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$30,393	3	Wellhead (M	fisc)		\$3,278
Motor		\$2,475	\$12,325	5		L ĆOST		\$320,002
DETAILS:								
6:00AM-6:15AM (.25) Su	rvey 1.25	degr. @ 3,2	209.					
6:15AM-1:15PM (7) Drlg.	-							
1:15PM-1:30PM (.25) Rig								
1:30PM-8:00PM (6.5) Drl	g.							
8:00PM-8:15PM (.25)	-	/ .75 degr.	@ 3,708.					
8:15PM-8:45PM (.5)								
8:45PM-12:30AM (3.7								
12:30AM-12:45AM (.25) F								
12:45AM-6:00AM (5.25)	-							
Well Site Representative:	Randy S	helton						

							Веа	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/03/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Surve	_e y		3,272		772	12	6	70.5
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.		Bit No.	2		Weight	Fresh	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	H2o	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's		Hwbp	121.99
Rig Serv.	0.25	Туре	e1046b3		FC 32's		WOB	20x25
Trips		Serial No	124414		рН		RPM (Top/Bit)	50/120
Surveys	1.00		1,415		Solids %		Tri Wi (TOP/Dit)	30/120
Cmtg.	1.00	Out	1,710		Gels			<u> </u>
Run Csg.		Ftg	1,857		PV		PLIME	PDATA
Ck BOP		Hrs.	29		YP		Liners	6.5
Ck Rotating HD		Rate(ft/hr)	64		SS		Stroke	9
Rig Rprs	10.00		6x16		CA	+	SPM	124
MIRU	10.00	TBG	0.10		CL		Press(on/off btm)	1,250
COST DETAIL	D	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	\$122,057		Cement			\$40,522
Bits		Ψ11,000	\$19,600	+	Welder			\$1,200
Mud		\$590	\$9,740		Surf Rental	Fauin	\$600	
Water		\$260	\$14,900	+	Fuel	Ечир	Ψοσο	\$16,696
Supervision		\$750	\$7,400	+	Trucking			\$1,481
Geological/Mud Logger		ψίου	ψ1,100		Logging			ψ1,101
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M	(lisc)		\$3,278
Motor		\$1,320	\$9,850	+		L COST		\$302,316
		+ 1,0=0	40,000	Ţ			<u> </u>	+ + + + + + + + + + + + + + + + + + +
DETAILS:								
6:00AM-8:00AM (2) Dlrg.								
8:00AM-8:15AM (.25) Rig								
8:15AM-9:00AM (.75) Dr								
9:00AM-9:15AM (.25) Sur		legr. @ 2,60	0.					
9:15AM-1:30PM (4.25								
1:30PM-2:00PM (.5)			<u>9</u> 2,919.					
2:00PM-2:30PM (.5) F								
2:30PM-12:30AM (10) Ri	<u> </u>	. Change dr	um clutch.					
12:30AM-12:45AM (.25)								
12:45AM-5:45AM (5) Drlg								
5:45AM-6:00AM (.25) Su	rvey.							
								_
Well Site Representative:	Randy S	helton						

							Bear	cat 2
Lease		_	Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	Utah	09/02/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			2,500)	1,085'	19	5	58.5
Time Summary Hrs.		Bit Record		Mud Record		Drlg Assembly		
Drlg.	19.00	Bit No.	2		Weight	Fresh	Collars	613.36
Ream/wash	2.00	Size	7 7/8		Visc (Sec)	H2o	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's		Hwbp	121.99
Rig Serv.	0.75	Туре	e1046b3		FC 32's		WOB	20,000
Trips		Serial No	124414		рH		RPM (Top/Bit)	45/95
Surveys	1.25	In	1,415		Solids %		, ,	
Cmtg.		Out	·		Gels			l
Run Csg.		Ftg	1,085		PV		PUMP	DATA
Ck BOP	1 hr	Hrs.	19		YP		Liners	6.5
Ck Rotating HD		Rate(ft/hr)	57.1		SS		Stroke	9
Rig Rprs		Jets	6x16		CA		SPM	114
MIRU	10.25				CL		Press(on/off btm)	1,125
COST DETAIL		AILY	CUMUL	LATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost	\$11,850		\$110,207	1	Cement			\$40,522
Bits		+ /	\$19,600	1	Welder			\$1,200
Mud	\$401		\$9,150		Surf Rental Equip		\$600	
Water	\$210		\$14,640		Fuel		\$3,680	
Supervision		\$750	\$6,650	1	Trucking		. ,	\$1,481
Geological/Mud Logger		·	. ,		Logging			,
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$30,393	3	Wellhead (Misc)			\$3,278
Motor	\$2,310		\$8,530)	TOTAL COST			\$286,946
DETAILS:								
6:00AM-7:45AM (1.75) D	Ira cemer	nt to 1.395.						
7:45AM-8:15AM (.5) Tes								
8:15AM-8:30AM (.25) Dr			5' of formatio	n.				
8:30AM-8:45AM (.25) Rig	<u> </u>	,,,						
8:45AM-9:15AM (.5)		st 375 Psi.	Bled dow	n to 345 P	si. 30 mins	 i_		
9:15AM-3:45PM (6.5)								
3:45PM-4:00PM (.25)		.75 dear (@ 1.706'.					
4:00PM-8:00PM (4) Drlg	-							
8:00PM-8:30P[M (.5) Rig								
8:30PM-11:15P[M (.2.75)								
11:15PM-11:45P[M (.5)		 25 degr. @ 2	2.095					
11:45PM-4:00A[M (4.25)								
4:00AM-4:30AM (.5) surv		r. @ 2,347.						
4:30AM-6:00A[M (1.5) D								
W-II O't- D-	David C	h a lt a .a						
Well Site Representative:	Kandy SI	neiton						

							Bear	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/01/2010
Current Operation			Total Depth	<u> </u>	Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg Cer	nent		1,415	í	0'	0	4	39.5
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.		Bit No.	2		Weight	Fresh	Collars	613.36
Ream/wash	3.00	Size	7 7/8		Visc (Sec)	H2o	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's		Hwbp	121.99
Rig Serv.		Туре	e1046b3		FC 32's		WOB	20,000
Trips	1.50	Serial No	124414		pН		RPM (Top/Bit)	45/95
Surveys	1.00	In	1,415		Solids %		1 ti ti (1 op/2it)	1.07.00
Cmtg.		Out	.,		Gels			<u>.l.</u>
Run Csg.		Ftg			PV		PUMF	PDATA
Ck BOP	Test19.5	1			YP		Liners	6.5
Ck Rotating HD	100010.0	Rate(ft/hr)			SS		Stroke	9
Rig Rprs		Jets	6x16		CA		SPM	119
MIRU	10.25		OXIO		CL		Press(on/off btm)	915
COST DETAIL		AILY	CUMUL	LATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	r	Anchors			\$852
Rig Cost		\$11,850		+	Cement			\$40,522
Bits		\$8,100		+	Welder		\$640	
Mud		\$496		+	Surf Rental	Equip	\$600	
Water		\$760		+	Fuel			\$13,016
Supervision		\$750		+	Trucking			\$1,481
Geological/Mud Logger			. ,		Logging			. ,
Conductor, Rat & Mouse					Test BOPs		\$2,680	\$2,680
Casing & Pipe			\$30,393	3	Wellhead (M	lisc)		\$3,278
Motor		\$220	\$6,220	,	TOTA	L COST		\$267,145
DETAILS:								
6:00AM-11:00AM (5) Cut	t off & we	ld on head						
11:00AM-6:00PM (7) NU		iu on neau.						
6:00PM-12:00AM (6) Tes		e Tested cl	hoke inner &	outter vavle	es on choke li	ne and kill line	nine rams blind ra	ms hydro and flow
valve.	July DOI	3. 103104 0	loke, illiler a	. Outlet vavie	CO OH CHOKE II	ric, and kiii iiric	, pipe ramo, bima ra	mo, nyaro, ana now
12:00AM-1:15AM (1.2	25) PUI	Bha GIH v	w/ dc					
1:15AM-2:45AM (1.5)	•							
2:45AM-3:45AM (1)		•	my rairoi					
3:45AM-4:00AM (.25) GI			85'.					
4:00AM-6:00AM (2) Drlg								
<u> </u>								
Well Site Representative:	Randy S	helton						

							Bear	cat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	Utah	08/31/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
WO Cen	nent	ļ	1,415	;	0'	0	3	39.5
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.		Bit No.	1		Weight	Fresh	Collars	
Ream/wash		Size	12 1/4		Visc (Sec)	H2o	Motor	
Circulating	1.00	Mfg.	Reed		W.LCC's		XO	
Rig Serv.		Туре	rfx616mio		FC 32's		WOB	20,000
Trips	5.75	Serial No	213351		рН		RPM (Top/Bit)	50/120
Surveys	0.25		80'		Solids %		Tti W (Top/Bit)	00/120
Cmtg.	4.75		1,415		Gels			
Run Csg.	2.00		1,335'		PV		PUMP	DATA
Ck BOP	2.00	Hrs.	39.5		YP		Liners	6.5/6.5
Ck Rotating HD		Rate(ft/hr)	33.8	-	SS		Stroke	115
Rig Rprs		Jets	33.6		CA		SPM	90/90
MIRU WOC	10.25				CL		Press(on/off btm)	1,100
COST DETAIL		AILY	CUMUL	LATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850			Cement		\$35,140	·
Bits		ψ11,000	\$11,500	+	Welder		ψου, 1 το	\$560
Mud		\$841	\$8,253	+	Surf Rental	Fauin	\$400	
Water		\$750		+	Fuel	<u> </u>	\$5,766	
Supervision		\$750	\$5,150	+	Trucking		\$375	
Geological/Mud Logger		Ψ100	ψ3,130		Logging		ψοτο	ψί,τοι
Conductor, Rat & Mouse					Test BOPs			
Casing & Pipe		\$27,993	\$30,393		Wellhead (M	liec)	\$2,108	\$3,278
Motor		Ψ21,990	\$6,000	1	•	L COST	Ψ2,100	\$241,049
Wiotoi			ψ0,000	1	1			Ψ2+1,0+3
DETAILS:								
6:00AM-6:15AM (.25) PC	OH.							
6:15AM-7:45AM (1.5) GII	H. No fill.							
7:45AM-8:00AM (.25) Su	rvey .5 de	egr. @ 1,415	5'.					
8:00AM-12:00PM (4) PO								
12:00PM-2:00PM (2)	RU run	csg, 34 jts,	8.625" 24#	‡ k55 w/ gı	uide shoe &	float collar.	Landed at 1415'	
Run 5 centralizers. 5'	up, 1,2	,3,& 5 jts						
2:00PM-3:00PM (1) (
3:00PAM-6:00PM (3)				•	•			
yeild 2.36. Pump 31 E						88.4 Bbls. F	I20. Recovered 5	Bbls. Good
cement. Stop to stage	e cemer	nt. Cement	locked up.	. Left 8 Bb	ols in csg.			
6:00PM-12:00AM (6)	WO cer	ment.						
12:00AM-1:45AM (1.7	'5) 1" tc	p job. Taç	ງ @ 75'. Pເ	ump 23 Bb	ols of cemer	it. 120 sax v	rt. 15.8 yeild 1.17	•
1:45AM-6:00AM (4.25) W	√O cemer	nt.						
Well Site Representative:	Randy Sl	helton						

							Веа	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	-41S21E	San Juan Co.	Utah	08/30/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
POOL	4		1,415		805'	20.25	2	39.5
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg A	ssembly
Drlg.	20.25	Bit No.	1		Weight	Fresh	Collars	
Ream/wash		Size	12 1/4		Visc (Sec)	H2o	Motor	
Circulating	1.00	Mfg.	Reed		W.LCC's		XO	
Rig Serv.		Туре	rfx616mio		FC 32's		WOB	20,000
Trips		Serial No	213351		рН		RPM (Top/Bit)	50/120
Surveys	0.75		80'		Solids %		(· op, = n)	307.20
Cmtg.	00	Out			Gels			<u> </u>
Run Csg.		Ftg	1,335'		PV		PUME	PDATA
Ck BOP		Hrs.	39.5		YP		Liners	6.5/6.5
Ck Rotating HD		Rate(ft/hr)	33.8		SS		Stroke	115
Rig Rprs		Jets	00.0		CA		SPM	90/90
MIRU		TBG			CL		Press(on/off btm)	1,100
COST DETAIL	D	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850		1	Cement			\$5,382
Bits		\$4,500		1	Welder			\$560
Mud		\$1,467	\$7,412		Surf Rental	Equip	\$400	
Water		\$2,400	\$13,670		Fuel		·	\$7,250
Supervision		\$750	\$4,400	1	Trucking		\$700	
Geological/Mud Logger		*	+ ,		Logging		, , ,	, , , , , , , , , , , , , , , , , , , ,
Conductor, Rat & Mouse					Test BOPs			
Casing & Pipe			\$2,400		Wellhead (M	lisc)		\$1,170
Motor		\$1,000	\$6,000			L ĆOST		\$155,826
DETAILS:								
6:00AM-8:30AM (2.5) Drl	g							
8:30AM-9:00AM (.5) Rig	~							
9:00AM-4:00PM (7) Drlg.								
4:00PM-4:30PM (.5) Rig	Serv.							
4:30PM-4:45PM (.25)	Survey	.25 degr. (@ 894'					
4:45PM-3:30AM (10.7	'5) Drlg							
3:30PAM-4:30AM (1)			sweeep.					
4:30AM-5:00AM (.5)			·					
5:00AM-6:00AM (1) F								
Well Site Representative:	Randy S	helton						
	-							

							Bear	cat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	-41S21E	San Juan Co.	Utah	08/29/2010
Current Operation			Total Depth	L	Footage	Hours	Days Since Spud	Cum Rot Hrs.
drlg			690	1	610'	19.25	1	19.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	sembly
Drlg.	19.25	Bit No.	1		Weight	Fresh	Collars	
Ream/wash		Size	12 1/4		Visc (Sec)	H2o	Motor	
Circulating		Mfg.	Reed		W.LCC's		XO	
Rig Serv.	1.00	Туре	rfx616mio		FC 32's		WOB	20,000
Trips		Serial No	213351		рН		RPM (Top/Bit)	60/170
Surveys	0.75		80'		Solids %		ru w (rop/bit)	00/110
Cmtg.	0.70	Out	- 55		Gels			
Run Csg.		Ftg	610'		PV		PUMP	DATA
Ck BOP		Hrs.	19.25		YP		Liners	6.5/6.5
Ck Rotating HD		Rate(ft/hr)	31.7		SS		Stroke	90
Rig Rprs	2 00	Jets	01.7		CA		SPM	90/90
MIRU		TBG			CL		Press(on/off btm)	1250
COST DETAIL		AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850		1	Cement			\$5,382
Bits		\$7,000	\$7,000		Welder		\$560	
Mud		. ,	\$5,945	1	Surf Rental	Equip	\$400	
Water		\$2,500	\$11,270	1	Fuel	1-1	\$7,250	
Supervision		\$1,500	\$3,650	1	Trucking		\$406	
Geological/Mud Logger		+ /	+ - ,		Logging		,	*
Conductor, Rat & Mouse			\$50,957	,	Test BOPs			
Casing & Pipe			\$2,400	1	Wellhead (M	lisc)		\$1,170
Motor		\$5,000	\$5,000	1		L ĆOST		\$132,759
				-1-	!		•	
DETAILS:								
6:00AM-7:00AM (1). Drlg		nouse hole.						
7:00AM-9:00AM (2). Dlg			Spudded at	7 AM 8/28/10	0			
9:00AM-9:30AM (.5). Rig								
9:30AM-4:00PM (6.5) Dri								
4:00PM-4:30PM (.5) F		ice.						
4:30PM-8:30PM (4) [. OF door	@ 2001					
8:30PM-8:45PM (.25) 8:45PM-12:00AM (3.2			<u>@ 280.</u>					
12:00AM-2:00AM (2)	, ,		ar numn					
2:00AM-4:30AM (2.5)		านษา แสกรา	ei puilip.					
4:30AM-5:00AM (.5)		5 door @	590'					
5:00AM-6:00AM (1) [.o u c gi. w	JUJ .					
3.00AIVI-0.00AIVI (1) L	Jilg.							
Well Site Representative:	Randy SI	helton						
Tron One Representative.	Training O	i i o i o i i						

Lease Tohonadla Current Operation PU Tool Time Summary Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD	ls Hrs.	Bit No.	Well No. 35-P Total Depth 80 Bit Record		-41S21E Footage 0	County/State San Juan Co Hours	. Utah Days Since Spud	Report Date 08/28/2010 Cum Rot Hrs.
Current Operation PU Tool Time Summary Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD		Bit No.	Total Depth 80		Footage	Hours	Days Since Spud	
Time Summary Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD		Bit No.	80		_			Cum Rot Hrs.
Time Summary Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD		Bit No.	80		_			
Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD	Hrs.	Bit No.	Rit Doord			0	0	
Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD		Bit No.	DICE (2010)		Mud	Record		ssembly
Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD			Dit record		Weight	Fresh	Collars	
Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD		Size			Visc (Sec)	H2o	Motor	
Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD		Mfg.			W.LCC's		XO	
Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD		Туре			FC 32's		WOB	
Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD		Serial No			pH		RPM (Top/Bit)	
Cmtg. Run Csg. Ck BOP Ck Rotating HD		In			Solids %		IN W (TOP/DIL)	
Run Csg. Ck BOP Ck Rotating HD		Out			Gels			
Ck BOP Ck Rotating HD		Ftg			PV		PLIME	PDATA
Ck Rotating HD		Hrs.			YP		Liners	
•		Rate(ft/hr)			SS		Stroke	
Rig Rprs		Jets			CA		SPM	
MIRU	24.00				CL		Press(on/off btm)	
COST DETAIL		AILY	CUMUL	ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost			Ψ.ο,Ξο.		Cement			\$5,382
Bits					Rig Move			ψο,σσ2
Mud		\$3,055	\$5,945		Surf Rental	Eguip	\$400	\$400
Water		+-,	\$8,770		Tanks		Ţ	¥
Supervision			\$2,150		Trucking			\$20,000
Geological/Mud Logger			+-,::::		Logging			+
Conductor, Rat & Mouse		\$23,700	\$50,957		Test BOPs			
Casing & Pipe		+ -,	\$2,400	\$1,200	Wellhead (M	lisc)		\$1,170
Welder			. ,	. ,		L ĆOST		\$116,293
					ļ			
DETAILS:	DII MI	l table to drie	rot bolo					
6;00 AM 6;00 AM (24). MIF	RU. MU	tools to drig	rat hole.					
Well Site Representative: R								

							Dou.	cat 2
Lease			Well No.	Location		County/State	е	Report Date
Tohonadla			35-P	sec.35	-41S21E	San Juan Co	o. Utah	08/27/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
			80		0	0	0	
Time Summary	Hrs.		Bit Record		Mud	Record	Drla As	sembly
Drlg.		Bit No.			Weight	1	Collars	
Ream/wash		Size			Visc (Sec)		Motor	
Circulating		Mfg.			W.LCC's		XO	
Rig Serv.		Туре			FC 32's		WOB	
		Serial No						
Trips					pH Solids %		RPM (Top/Bit)	
Surveys		In Out						
Cmtg.		Out			Gels		DUME	DATA
Run Csg.		Ftg			PV			DATA
Ck BOP		Hrs.			YP		Liners	
Ck Rotating HD		Rate(ft/hr)			SS		Stroke	
Rig Rprs		Jets			CA		SPM	
MIRU	12.00	TBG			CL		Press(on/off btm)	
COST DETAIL	D	AILY	CUMUL	ATIVE	COST	DETAIL	DAILY	CUMULATIVE
Loc & Roads		\$14,189	\$18,267		Anchors			\$852
Rig Cost					Cement			\$5,382
Bits					Rig Move			
Mud			\$2,890		Surf Rental	Equip		
Water		\$6,500	\$8,770		Tanks			
Supervision			\$2,150		Trucking		\$18,500	\$20,000
Geological/Mud Logger			•		Logging			
Conductor, Rat & Mouse		\$20,257	\$27,257		Test BOPs			
Casing & Pipe		\$1,200	\$2,400		Wellhead (M	lisc)		\$1,170
Welder		+ ,	+ ,	, ,		L COST	\$60,646	
				ļ.	Į.		. ,	. ,
DETAILS:								
DETAILS: MIRU.								

Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	-41S21E	San Juan Co.	Utah	08/14/2010
Current Operation			Total Depth	•	Footage	Hours	Days Since Spud	Cum Rot Hrs.
			80	ı	0	0	2	
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	sembly
Drlg.		Bit No.			Weight		Collars	
Ream/wash		Size			Visc (Sec)		Motor	
Circulating		Mfg.			W.LCC's		XO	
Rig Serv.		Туре			FC 32's		WOB	
Trips		Serial No			рН		RPM (Top/Bit)	
Surveys		In			Solids %		, , ,	
Cmtg.		Out			Gels			
Run Csg.		Ftg			PV		PUMP	DATA
Ck BOP		Hrs.			YP		Liners	
Ck Rotating HD		Rate(ft/hr)			SS		Stroke	
Rig Rprs		Jets			CA		SPM	
MIRU		TBG			CL		Press(on/off btm)	
COST DETAIL	D	AILY	CUMUL	_ATIVE	COST	DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$4,078		Anchors			\$852
Rig Cost					Cement		\$5,382	\$5,382
Bits					Rig Move			. ,
Mud			\$2,890		Surf Rental I	Equip		
Water		\$1,300	\$2,270		Tanks	• •		
Supervision		\$750	\$2,150		Trucking			\$1,500
Geological/Mud Logger					Logging			. ,
Conductor, Rat & Mouse			\$7,500		Test BOPs			
Casing & Pipe			\$1,200		Wellhead (M	lisc)	\$1,170	\$1,170
Welder						L COST	\$8,602	\$28,992
DETAILS:								
PU csg. GIH. RU BJ. Pu	ımp 185 :	sacs of ceme	ent. 2% cc x	cement. Pu	mp cement.	Drill rat hole &	mouse hole. RDMC).
Set 16" conductor at 80' in			711. 270 00 X	oomont. T u	mp comont.	Dim racriolo a	modeo noio. Tebric	,
Oct 10 conductor at 00 ii	120 11010	,						
Well Site Representative:	Randy S	helton						

Lease							Pete Mar	
			Well No.	Location		County/State)	Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	o. Utah	08/13/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Running c	asing		80		0	0	2	
Time Summary	Hrs.		Bit Record		Mud	Record	Drla As	ssembly
Drlg.	1110.	Bit No.	Dictrooord		Weight	1	Collars	
Ream/wash		Size			Visc (Sec)		Motor	
Circulating		Mfg.			W.LCC's		XO	
Rig Serv.		Туре			FC 32's		WOB	
Trips		Serial No			pH		RPM (Top/Bit)	
Surveys		In			Solids %		KFWI (TOP/BIL)	
Cmtg.		Out			Gels			
Run Csg.		Ftg			PV		PLIME	PDATA
Ck BOP		Hrs.			YP		Liners	
Ck Rotating HD		Rate(ft/hr)			SS		Stroke	
Rig Rprs		Jets			CA		SPM	
MIRU		TBG			CL		Press(on/off btm)	
COST DETAIL	Г	OAILY	CUMUL	<u> </u> ΔΤΙ\/Ε		DETAIL	DAILY	CUMULATIVE
Loc & Roads	L	\$4,078			Anchors	DETAIL	DAILT	\$85
		Φ4 ,076	Φ4,07 ο		Cement			φου
Rig Cost Bits					Rig Move			
Mud		\$2,890	\$2,890		Surf Rental I	Equip		
Water		\$520	\$970		Tanks	Lquiр		
Supervision		\$750	\$1,400		Trucking		\$1,500	\$1,50
Geological/Mud Logger		φ130	φ1, 4 00		Logging		\$1,500	\$1,50
Conductor, Rat & Mouse		\$3,500	\$7,500		Test BOPs			
Motor		ψ0,000	Ψ1,500		Wellhead (M	lisc)	\$1,170	\$1,17
VIOLOI						L COST	\$14,408	
Welder					1		. .,	ψ=0,00
Welder								
DETAILS:								
Welder DETAILS: Mix mud. Load hole. Clea	an out w	ell. Dlg from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dlg from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dlg from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:	an out w	ell. Dig from	63' to 80' sar	nd stone.				
DETAILS:			63' to 80' sar	nd stone.				

Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	-41S21E	San Juan Co.	Utah	08/12/2010
Current Operation			Total Depth	I	Footage	Hours	Days Since Spud	Cum Rot Hrs.
			63		0	0	1	
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	sembly
Drlg.		Bit No.			Weight		Collars	
Ream/wash		Size			Visc (Sec)		Motor	
Circulating		Mfg.			W.LCC's		XO	
Rig Serv.		Туре			FC 32's		WOB	
Trips		Serial No			рН		RPM (Top/Bit)	
Surveys		In			Solids %			
Cmtg.		Out			Gels			
Run Csg.		Ftg			PV		PUMP	DATA
Ck BOP		Hrs.			ΥP		Liners	
Ck Rotating HD		Rate(ft/hr)			SS		Stroke	
Rig Rprs		Jets			CA		SPM	
MIRU		TBG			CL		Press(on/off btm)	
COST DETAIL	D	AILY	CUMUL	ATIVE	COST	DETAIL	DAILY	CUMULATIVE
Loc & Roads					Anchors		\$852	\$852
Rig Cost					Cement		·	
Bits					Rig Move			
Mud					Surf Rental E	Equip		
Water		\$450	\$450		Tanks	• •		
Supervision		\$750	\$750		Trucking			
Geological/Mud Logger					Logging			
Conductor, Rat & Mouse		\$4,000	\$4,000		Test BOPs			
Motor					Wellhead (M	lisc)		
Welder					TOTA	L COST	\$6,052	\$6,052
DETAILS:								
MIRU, rathole rig. Well st	arted falli	ng @ surfac	e. Fill hole w	/ H20. Drill	to 60'. Hit sa	nd stone. Drill	to 63'. Well starting	falling in @ 26'.
Well Site Representative:	Randy Sl	helton						

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: 1420603229		
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO		
Do not use this form for propositiom-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepen gged wells, or to drill horizontal laterals. U	existing wells below current lse APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: TOHONADLA 35-P		
2. NAME OF OPERATOR: NAVAJO NATION OIL & GAS C	0		9. API NUMBER: 43037500050000		
3. ADDRESS OF OPERATOR: P.O. Box 4439 , Window Rock		NE NUMBER: D Ext	9. FIELD and POOL or WILDCAT: TOHONADLA		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1219 FSL 0722 FEL		COUNTY: SAN JUAN			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESE Section: 35	P, RANGE, MERIDIAN: Township: 41.0S Range: 21.0E Meridian: S	;	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
SUBSEQUENT REPORT	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE		
Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION		
	OPERATOR CHANGE	PLUG AND ABANDON	L PLUG BACK		
✓ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME ☐ REPERFORATE CURRENT FORMATION	RECLAMATION OF WELL SITE SIDETRACK TO REPAIR WELL	☐ RECOMPLETE DIFFERENT FORMATION ☐ TEMPORARY ABANDON		
8/29/2010	TUBING REPAIR	□ VENT OR FLARE	WATER DISPOSAL		
☐ DRILLING REPORT	□ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER			
			OTHER:		
Drilled and set 80' of Bearcat Drilling LLC 1415', ran and ceme wi	MPLETED OPERATIONS. Clearly show all perf 16" conductor 8/12 to 8/14/2 at 7AM on 8/29/2010 Surface ented 8 5/8" 24#, K55 casing th 580sx. Cement circulated to	2010. Started drilling with e Casing Detail: Drilled to on 8/30/2010. Cemented o surface.	Accepted by the		
NAME (PLEASE PRINT) Al Zier	303 534-8300 PHONE NUMBER	TITLE Operations/Production Manager	r		
SIGNATURE N/A		DATE 10/25/2010			

								rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	-41S21E	San Juan Co.	Utah	09/15/2010
Current Operation			Total Depth	1	Footage	Hours	Days Since Spud	Cum Rot Hrs.
RDM	0		5,887		0	0	18	215.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drla As	l ssembly
Drlg.		Bit No.			Weight		Collars	
Ream/wash		Size			Visc (Sec)		Motor	
Circulating		Mfg.			W.LCC's		Hwbp	
Rig Serv.		Туре			FC 32's		WOB	
Trips		Serial No			pН		RPM (Top/Bit)	
Surveys		In			Solids %		(: op/2.i)	
Cmtg.		Out			Gels			1
Run Csg.		Ftg			PV		PUMF	P DATA
Ck BOP		Hrs.			YP		Liners	
Logging		Rate(ft/hr)		<u> </u>	SS		Stroke	
Rig Rprs		Jets		1	CA		SPM	
MIRU		TBG		1	CL	1	Press(on/off btm)	
COST DETAIL	С	DAILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads& Permits		\$6,912	\$25,179		Anchors			\$852
Rig Cost		\$11,850	\$264,257		Cement			\$91,691
Bits			\$25,400		Welder			\$1,200
Mud			\$27,116		Surf Rental	Equip	\$600	\$10,600
Water			\$19,980	,	Fuel			\$28,466
Supervision		\$750	\$16,310	,	Trucking			\$4,121
Geological/Mud Logger			\$9,900	,	Logging			\$73,791
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$37,046		Wellhead (M			\$3,278
Motor			\$26,298	<u> </u>	TOTA	AL COST	\$20,112	\$668,165
DETAILS:								
Waited on cement, cutoff	casing, c	leaned mud	tanks, and re	leased rig a	t Noon 9/14/1	10		
Final Report till completio	n activitie	es start.						
								_
Well Site Representative:	Randy S	Shelton						
-								

				1		1		rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/14/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Cement	ting		5,887	,	0	0	17	215.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	l ssembly
Drlg.		Bit No.	3		Weight	9.3	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	46	Motor	30.11
Circulating	6.00	Mfg.	Reed		W.LCC's	6	Hwbp	121.99
Rig Serv.		Туре	r30p		FC 32's	2	WOB	40,000
Trips	6.25	Serial No	I81369		pН	11	RPM (Top/Bit)	50/120
Surveys	0.20	In	5,078		Solids %	4	((op/ = 1.)	00/120
Cmtg.	6.50		5,887		Gels			l
Run Csg.	5.25		809		PV	19	PUMP	DATA
Ck BOP		Hrs.	70.25		YP	9	Liners	6.5
Logging		Rate(ft/hr)	11.5		SS	Trace	Stroke	9
Rig Rprs		Jets	3x18		CA	200	SPM	116
MIRU		TBG	bt/in		CL	1,800	Press(on/off btm)	1,680
COST DETAIL	D	AILY		LATIVE		Γ DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$85
Rig Cost		\$11,850	\$252,407		Cement		\$51,169	\$91,69
Bits			\$25,400	+	Welder			\$1,20
Mud				6	Surf Rental	Equip	\$600	
Water		\$1,500)	Fuel	• •		\$28,46
Supervision		\$750	\$15,560)	Trucking			\$4,12
Geological/Mud Logger			\$9,900)	Logging			\$73,79
Conductor, Rat & Mouse					Test BOPs			\$2,68
Casing & Pipe		\$76,261	\$37,046	3	Wellhead (N	/lisc)		\$3,27
Motor			\$26,298	3	TOTA	AL COST	\$142,130	\$648,05
DETAILS:								
6:00AM-6:30AM (1.5) Cir	C.							
6:30AM-12:45PM (6.25) L	aying do	wn DP and E	BHA.					
12:45PM-6:00PM (5.25)	Run Csg.	Guide shoe	15 centraliz	ers. DV too	l 4,885'. 144	jts. 5 1/2" 17	lbs, J 55. Wash dov	vn 80' to bottom.
6:00PM-7:00PM (1) Circ.						-		
7:00PM-10:30PM (3.5) R	U Halibu	rton. Pump	irst stage. P	ump 10 Bbl	s of H20. 20	Bbls chem wa	sh. 5 Bbls H20. Pur	np 200 sx Class G
5 lbs gilsonite6% Halad	R9. 2%	defoamer.	Weight 15.4	ppg, yield 1.	22 cu ft/sx. (Circ well. Reco	over 3 Bbls cement.	
10:30PM-3:00AM (4.5) C	irc. Wait	on cement.						
3:00AM-6:00AM (3) Pun	np stage 2	2. Pump 10	Bbls H20 w/	dye. 20 Bbl	s chem wash	. 5 Bbls H20.	Lead w/ 925 sacks	Light premium. 5
gilsonite125% Poly Fla	ke. Weig	ht 12.4 ppg,	yield 1.87 cu	ı ft/sx. Tail v	v/ 50 sacks c	lass G .2% Ha	lad R9.	
Weight 15.8 ppg, yield 1.1	15 cu ft/sx	c. Displace v	v/ 114 Bbls H	120				
Bumped plug 3 times wou	ıld not clo	se DV tool.	Shut in w/ Pi	ressure on (Csg. Recove	ered green dye	•	
Well Site Representative:	Randy S	helton						

							Веа	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	-41S21E	San Juan Co	. Utah	09/13/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Circ			5,887		0	0	16	215.25
Time Summary	Hrs.		Bit Record		Mud Record		Drlg As	ssembly
Drlg.		Bit No.	3		Weight	9.3	Collars	613.36
Ream/wash	1.00	Size	7 7/8		Visc (Sec)	46	Motor	30.11
Circulating	1.50	Mfg.	Reed		W.LCC's	6	Hwbp	121.99
Rig Serv.		Туре	r30p		FC 32's	2	WOB	40,000
Trips	3.50	Serial No	I81369		рН	11	RPM (Top/Bit)	50/120
Surveys		In	5,078		Solids %	4	(-1 - 7	
Cmtg.		Out	5,887		Gels			
Run Csg.		Ftg	809		PV	19	PUMF	PDATA
Ck BOP		Hrs.	70.25		YP	9	Liners	6.5
Logging	18.00	Rate(ft/hr)	11.5		SS	Trace	Stroke	9
Rig Rprs		Jets	3x18		CA	200	SPM	116
MIRU		TBG	bt/in		CL	1,800	Press(on/off btm)	1,680
COST DETAIL	D	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850	\$240,557		Cement			\$40,522
Bits		. ,	\$25,400		Welder			\$1,200
Mud	\$496		\$27,116		Surf Rental Equip		\$600	
Water	\$280		\$18,480		Fuel		·	\$28,466
Supervision	\$750		\$14,900		Trucking			\$4,121
Geological/Mud Logger	\$1,100		\$9,900		Logging		\$73,791	
Conductor, Rat & Mouse		·			Test BOPs			\$2,680
Casing & Pipe			\$32,470		Wellhead (M	1isc)		\$3,278
Motor			\$26,298			L COST	\$88,867	
DETAILS:								
6:00AM-12:00AM (18) Lo	gging witl	h Schlumber	ger Pressure	tool.				
12:00AM-3:30A M (3.5) G								
3:30AM-4:30AM (1) Was		m 90' to bot	tom.					
4:30AM-6:00AM (1.5) Cir								
Well Site Representative:	Randy S	helton						
1	-							

							Bea	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/12/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Loggir	ng		5,887	,	0	0	15	220
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.		Bit No.	3	T	Weight	9.3	Collars	613.36
Ream/wash	1.25	Size	7 7/8		Visc (Sec)	47	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	6	Hwbp	121.99
Rig Serv.		Туре	r30p		FC 32's	2	WOB	40,000
Trips	6.50	Serial No	I81369		рН	11.5	RPM (Top/Bit)	50/120
Surveys	0.00	In	5,078		Solids %	4	111 W (10p/200)	307120
Cmtg.		Out	5,887		Gels			<u>.l</u>
Run Csg.		Ftg	809		PV	19	PUME	P DATA
Ck BOP		Hrs.	70.25		YP	10	Liners	6.5
Logging	11 00	Rate(ft/hr)	11.5		SS	0.25	Stroke	9
Rig Rprs		Jets	3x18		CA	200	SPM	116
MIRU	2.70	TBG	bt/in		CL	1,800	Press(on/off btm)	1,680
COST DETAIL	D	AILY	CUMUL	LATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850		1	Cement			\$40,522
Bits		- +	\$25,400		Welder			\$1,200
Mud		\$401	\$26,620		Surf Rental I	Equip	\$600	
Water		\$280		+	Fuel	1-1	****	\$28,466
Supervision		\$750		,			\$4,121	
Geological/Mud Logger		\$1,100	\$8,800 Logging			. ,		
Conductor, Rat & Mouse			. ,		Test BOPs			\$2,680
Casing & Pipe			\$32,470)	Wellhead (M	lisc)		\$3,278
Motor			\$26,298	3	TOTA	L COST	\$14,981	\$488,831
DETAILS:								
6:00AM-6:30AM (.5) RD S	Schlumbe	eraer.						
6:30AM-7:45A M (1.25) G								
7:45AM-10:30AM (2.75)		cut Drlg line.						
10:30AM-12:45PM (2.25)	GIH.							
12:45PM-2:00PM (1.25) V		ream 60' to	bottom.					
2:00PM-4:30PM (2.5) Pur	np sweer	o. Circ.						
4:30PM-7:30PM (3) POC	<u></u> Н.							
7:30PM-6:00AM (10.5) RI	J Schlum	berger Ran	in with Loggir	ng tools to a	depth 5,800'.	Could not get	any deeper. Ran Tri	pple Combo and Sc
Picked up pressure testing	g tool and	started run	ning in hole.					
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		,						
Well Site Representative:	Randy Si	helton						

							Веа	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	. Utah	09/11/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Loggir	ng		5,887		42	4.75	14	220
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg A	ssembly
Drlg.	4.75	Bit No.	3		Weight	9.3	Collars	613.36
Ream/wash	0.75	Size	7 7/8		Visc (Sec)	47	Motor	30.11
Circulating	3.50	Mfg.	Reed		W.LCC's	5.6	Hwbp	121.99
Rig Serv.	0.25	Туре	r30p		FC 32's	2	WOB	40,000
Trips	10.00	Serial No	l81369		pН	11.5	RPM (Top/Bit)	50/120
Surveys	0.25		5,078		Solids %	4	(-11-7	
Cmtg.		Out	5,887		Gels			.1
Run Csg.		Ftg	809		PV	20	PUMF	P DATA
Ck BOP		Hrs.	70.25		YP	10	Liners	6.5
Logging	4.50	Rate(ft/hr)	11.5		SS	0.25	Stroke	9
Rig Rprs		Jets	3x18		CA	200	SPM	116
MIRU		TBG	bt/in		CL	1,800	Press(on/off btm)	1,680
COST DETAIL	D	AILY	CUMUL	_ATIVE	COST	DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	\$216,857		Cement			\$40,522
Bits	1		\$25,400		Welder			\$1,200
Mud		\$1,018	\$1,018 \$26,219 Surf Rental Equip		\$600	\$8,200		
Water		\$480	\$17,920	1	Fuel			\$28,466
Supervision		\$750	\$750 \$13,400 Trucking		Trucking			\$4,121
Geological/Mud Logger		\$1,100	\$7,700 Logging					
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$32,470	,	Wellhead (M			\$3,278
Motor		\$522	\$26,298	,	TOTA	AL COST	\$16,320	\$473,850
DETAILS:								
6:00AM-8:15AM (2.25) Dr	lg.							
8:15AM-8:30A M (.25) Ri	g serv.							
8:30AM-11:00AM (2.5) D	rlg.							
11:00AM-1:00PM (2) Pur	np sweep	o. Circ.						
1:00PM-6:30PM (5.5) Sho	ot trip to s	surface csg.						
6:30PM-7:15PM (.75) Red								
7:15PM-8:45PM (1.5) Pu	•	•						
8:45PM-9:00PM (.25) Su	-							
9:00PM-1:30AM (4.5) PC								
1:30AM-6:00AM (4.5) RL	J Sclumbe	erger. Run l	ogs to 1,600'.	. Could not	get down.			
Floor hand smashed finge	r. No los	ss time.						
Well Site Representative:	Randy SI	helton						

							Dea	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	. Utah	09/10/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			5,845		206	19	13	215.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.	19.00	Bit No.	3		Weight	9.3	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	47	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	5.6	Hwbp	121.99
Rig Serv.	0.50	Туре	r30p		FC 32's	2	WOB	40,000
Trips		Serial No	I81369		рН	11.5	RPM (Top/Bit)	50/120
Surveys		In	5,078		Solids %	4	(· op/ =)	30,120
Cmtg.		Out	,,,,,		Gels	<u> </u>		
Run Csg.		Ftg	767		PV	20	PUMF	P DATA
Ck BOP		Hrs.	65.5		YP	10	Liners	6.5
Change BHA		Rate(ft/hr)	11.7	<u> </u>	SS	0.25	Stroke	9
Rig Rprs	4.50	Jets	3x18	<u> </u>	CA	200	SPM	116
MIRU		TBG	510		CL	1,800	Press(on/off btm)	1,680
COST DETAIL	D	AILY	CUMUL	_ATIVE		Γ DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	1	+	Cement			\$40,522
Bits	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\$25,400		Welder			\$1,200
Mud	\$2,009				Surf Rental	Equip	\$600	
Water	\$340				Fuel		\$5,997	
Supervision	\$750		·		Trucking		\$2,640	
Geological/Mud Logger	\$1,100		1	+	Logging		. ,	
Conductor, Rat & Mouse	ψ1,100		. ,		Test BOPs			\$2,680
Casing & Pipe		\$2,077	\$32,470		Wellhead (M	/lisc)		\$3,278
Motor		\$2,090				AL ĆOST	\$29,453	
DETAILS:								
6:00AM-10:30AM (4.5) W	/orking or	n pumps	<u> </u>					
10:30AM-6:00PM (7.5) D		траттро.						
6:00PM-6:30PM (.5) Rig								
6:30PM-6:00AM (11.5) D								
0.001 W 0.007 W (11.0) D	119.							
Well Site Representative:	Randy S	helton						
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							Dea	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	Utah	09/09/2010
Current Operation			Total Depth	<u>l</u>	Footage	Hours	Days Since Spud	Cum Rot Hrs.
Rig repa	airs		5,639	ı	262	21.5	12	196.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.		Bit No.	3		Weight	9.3	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	40	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	6.8	Hwbp	121.99
Rig Serv.		Туре	r30p		FC 32's	2	WOB	40,000
Trips		Serial No	181369		рН	11.5	RPM (Top/Bit)	50/120
Surveys		In	5,078		Solids %	4	TO W (TOP/Bit)	00/120
Cmtg.		Out	0,010		Gels	-		1
Run Csg.		Ftg	561		PV	18	PUME	P DATA
Ck BOP		Hrs.	46.5		YP	0.8	Liners	6.5
Change BHA		Rate(ft/hr)	12		SS	0.25	Stroke	9
Rig Rprs	2.00	Jets	3x18		CA	160	SPM	107
MIRU		TBG	510		CL	1,800	Press(on/off btm)	1,450
COST DETAIL	D	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	1	+	Cement			\$40,522
Bits			\$25,400		Welder			\$1,200
Mud	\$1,884				Surf Rental	Equip	\$600	+
Water	\$430				Fuel		, , ,	\$22,469
Supervision	\$750		. ,	+	Trucking			\$1,481
Geological/Mud Logger	\$1,100		· · · · · ·	+	Logging			
Conductor, Rat & Mouse		. , ,	. ,		Test BOPs			\$2,680
Casing & Pipe			\$30,393	,	Wellhead (M	lisc)		\$3,278
Motor		\$2,365		+		AL ĆOST	\$18,979	
DETAILS:								
6:00AM-945AM (3.75) Di	rlg.							
9:45AM-10:00AM (.25) R	•							
10:00AM-6:30PM (8.5) D								
6:30PM-6:45PM (.25) Rig	g serv.							
6:45PM-4:00AM (9.25								
4:00AM-6:00AM (2) V	Vork on	mud pump	 Э.					
		,						
Well Site Representative:	Randy Si	helton						
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							Веа	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/08/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			5,377	•	287	22.5	11	174.75
Time Summary	Hrs.		Bit Record		Mud	Record	Drla A	ssembly
Drlg.		Bit No.	3		Weight	9	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	40	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	8	Hwbp	121.99
Rig Serv.	1.00	Туре	r30p		FC 32's	2	WOB	30x40
Trips		Serial No	I81369		pH	12	RPM (Top/Bit)	50/120
Surveys	0.50		5,078		Solids %	4	Ttt W (TOP/Dit)	00/120
Cmtg.	0.00	Out	0,070		Gels	† '		
Run Csg.		Ftg	299		PV	17	PLIME	PDATA
Ck BOP		Hrs.	25		YP	9	Liners	6.5
Change BHA		Rate(ft/hr)	12		SS	0.25	Stroke	9
Rig Rprs		Jets	3x18	+	CA	200	SPM	120
MIRU		TBG	3,10	+	CL	1,300	Press(on/off btm)	1,625
COST DETAIL	D	AILY	CUMUL	_ _ATIVE		Γ DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850		1	Cement			\$40,522
Bits		Ψ11,000	\$25,400		Welder			\$1,200
Mud		\$2,442			Surf Rental	Fauin	\$600	
Water		\$480		1	Fuel	чагр	\$5,773	
Supervision		\$750			Trucking		ψ0,110	\$1,481
Geological/Mud Logger		\$1,100			Logging			V 1,101
Conductor, Rat & Mouse		Ψί,ίου	ψ1,100		Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M	/lisc)		\$3,278
Motor		\$2,475				AL COST		\$409,098
DETAILS:								
6:00AM-10:00AM (4) Drlg								
10:00AM-10:30AM (.5) R	_							
10:30AM-5:15PM (6.75)								
5:15PM-5:30PM (.25) Rig	_							
5:30PM-7:30PM (2)								
7:30PM-8:00PM (.5)		1.25 dear.	@ 5,192.					
8:00PM-12:30AM (4.5								
12:30AM-12:45AM (.2	, ,	erv.						
12:45AM-6:00AM (5.2								
Well Site Representative:	Randy S	helton						

							Bea	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/07/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			5,090		90	14.75	10	152.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.	14.75	Bit No.	2	3	Weight	9.2	Collars	613.36
Ream/wash	1.00	Size	7 7/8	7 7//8	Visc (Sec)	40	Motor	30.11
Circulating	1.00	Mfg.	Reed	Reed	W.LCC's	6.4	Hwbp	121.99
Rig Serv.		Туре	e1046b3	r30p	FC 32's	2	WOB	2
Trips		Serial No	124414	I81369	рH	10.5	RPM (Top/Bit)	50/120
Surveys		In	1,415	5078	Solids %	4	(GP/ = 1.)	307.120
Cmtg.		Out	5,078	00.0	Gels			
Run Csg.		Ftg	3,663	12	PV	16	PUME	P DATA
Ck BOP		Hrs.	108.25	2.5	YP	8	Liners	6.5
Change BHA	0.75	Rate(ft/hr)	33.8	4.8	SS	0.25	Stroke	9
Rig Rprs	0.70	Jets	6x16	3x18	CA	200	SPM	120
MIRU		TBG	N/G	OXIO	CL	1,000	Press(on/off btm)	1,550
COST DETAIL	D	AILY	CUMUL	-ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	\$169,457		Cement			\$40,522
Bits		\$5,800	\$25,400		Welder			\$1,200
Mud	\$1,928				Surf Rental	Equip	\$600	+
Water		\$480	\$16,240		Fuel	1-1-	, , , ,	\$16,696
Supervision	\$750		\$10,400		Trucking			\$1,481
Geological/Mud Logger	\$1,100		\$3,300		Logging			. ,
Conductor, Rat & Mouse		. ,	. ,		Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M	lisc)		\$3,278
Motor		\$1,623	\$18,846		TOTA	L COST		\$383,678
DETAILS:								
6:00AM-12:00PM (6) Drlg								
12:00PM-12:15PM (.25)	Rig serv.							
12:15PM-6:30PM (6.25)								
6:30PM-7:30PM (1) Circ.		n mud, and p	ump sweep.					
7:30PM-11:00PM (3.5								
11:00PM-11:45PM (.7	⁷ 5) Cha	nge out mo	otor.					
11:45PM-2:30AM (2.7								
2:30AM-3:30AM (1) W	√ash and	d ream, fro	m 5,002 to	5,078.				
Well Site Representative:	Randy S	helton						

							Bea	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/06/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			5,000		285	22.25	9	137.5
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg A	ssembly
Drlg.	22.25	Bit No.	2		Weight	9.2	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	37	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	8.4	Hwbp	121.99
Rig Serv.	0.75	Туре	e1046b3		FC 32's	2	WOB	2
Trips		Serial No	124414		pН	11	RPM (Top/Bit)	50/120
Surveys	1.00		1,415		Solids %	4	1 ti tii (1 op, 2 ti)	30,120
Cmtg.		Out	1,110		Gels			
Run Csg.		Ftg	3,585		PV	12	PUME	PDATA
Ck BOP		Hrs.	96		YP	0.7	Liners	6.5
Ck Rotating HD		Rate(ft/hr)	37.3		SS	0.25	Stroke	9
Rig Rprs		Jets	6x16		CA	249	SPM	122
MIRU		TBG	OXTO		CL	1,000	Press(on/off btm)	1,400
COST DETAIL	D.	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850		1	Cement			\$40,522
Bits		ψ,σσσ	\$19,600		Welder			\$1,200
Mud		\$2,710			Surf Rental	Equip	\$600	
Water	\$220		·		Fuel		,	\$16,696
Supervision	\$750				Trucking			\$1,481
Geological/Mud Logger	\$1,100		-	1	Logging			, , -
Conductor, Rat & Mouse		4 1,100	4 -,		Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M	lisc)		\$3,278
Motor	·	\$2,448	·	ł		L COST		\$359,547
DETAILS:								
6:00AM-9:00AM (3) Drlg.								
9:00AM-10:00AM (1) Rig		ırvev 25 dec	ar @					
10:00AM-6:00PM (8) Drlg		iivey .25 de(gı. ⊌.					
6:00PM-6:30PM (.5) Rig s	_							
6:30PM-2:45AM (8.25								
2:45AM-3:00AM (.25)		٢٧						
3:00AM-6:00AM (3) D								
(0) 2	···9·							
Well Site Representative:	Randy SI	helton						

							Bear	rcat 2
Lease	_		Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	. Utah	09/05/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg			4,715	1	665	22.25	8	115.25
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg A:	ssembly
Drlg.	22.25	Bit No.	2		Weight	9	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	36	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	8.4	Hwbp	121.99
Rig Serv.	1.25	Туре	e1046b3		FC 32's	2	WOB	20x25
Trips		Serial No	124414		рН	10.5	RPM (Top/Bit)	50/120
Surveys	0.50		1,415		Solids %	3	(-1 - 7	
Cmtg.		Out	, -		Gels			.1
Run Csg.		Ftg	3,300		PV	9	PUMF	P DATA
Ck BOP		Hrs.	73.75		YP	0.5	Liners	6.5
Ck Rotating HD		Rate(ft/hr)	47.7		SS	0.25	Stroke	9
Rig Rprs		Jets	6x16		CA	200	SPM	125
MIRU		TBG	50		CL	1,000	Press(on/off btm)	1,450
COST DETAIL	D	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850		+	Cement			\$40,522
Bits		Ψ11,000	\$19,600		Welder			\$1,200
Mud		\$2,697			Surf Rental	Fauip	\$600	+
Water		\$420		+	Fuel	<u> </u>	Ţ J	\$16,696
Supervision		\$750		+	Trucking			\$1,481
Geological/Mud Logger		\$1,100		1	Logging			71,101
Conductor, Rat & Mouse		Ψ.,.σσ	ψ.,.σσ		Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M	(lisc)		\$3,278
Motor		\$2,450		+		AL COST		\$339,869
DETAILS:								
6:00AM-8:30AM (2.5) Dr	lg.							
8:30AM-8:45AM (.25) Rig								
8:45AM-1:30PM (4.25) D								
1:30PM-2:00PM (.5) Surv		legr. @ 4,24	 2.					
2:00PM-4:15PM (2.25	•							
4:15PM-4:45PM (.5)		/.				-	-	-
4:45PM-12:00AM (7.2						-	-	-
12:00AM-12:30AM (.5) Ri	, ,					-	-	-
12:30AM-6:00AM (5.5) D								
		,						
		,						
	·							
Well Site Representative:	Randy Si	helton						

Lease Tohonadla Current Operation Drlg			Well No. 35-P	Location sec.35	11821E	County/State		Report Date
Current Operation			35-P	sec 35	11C21E	0 1 0-		
•				000.00	1-413Z1E	San Juan Co.	Utah	09/04/2010
Drlg			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
			4,050		778	22.5	7	93
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.	22.50	Bit No.	2		Weight	8.5	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	27	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's	N/C	Hwbp	121.99
Rig Serv.	1.00	Туре	e1046b3		FC 32's	NA	WOB	20x25
Trips		Serial No	124414		рН	10.5	RPM (Top/Bit)	50/120
Surveys	0.50		1,415		Solids %	1	(- -	
Cmtg.		Out	, -		Gels	0		
Run Csg.		Ftg	2,635		PV	3	PUMP	DATA
Ck BOP		Hrs.	51.5		YP	1	Liners	6.5
Ck Rotating HD		Rate(ft/hr)	51.2		SS	Nil	Stroke	9
Rig Rprs		Jets	6x16		CA	400	SPM	120
MIRU		TBG	57.10		CL	1,000	Press(on/off btm)	1,270
COST DETAIL	D	AILY	CUMUL	ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850	\$133,907		Cement			\$40,522
Bits		ψ,σσσ	\$19,600		Welder			\$1,200
Mud		\$1,791	\$11,531		Surf Rental	Fauip	\$600	
Water		\$220	\$15,120		Fuel		4000	\$16,696
Supervision		\$750	\$8,150		Trucking			\$1,481
Geological/Mud Logger		*****	40,100		Logging			+ 1,151
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$30,393		Wellhead (M	lisc)		\$3,278
Motor		\$2,475	\$12,325			L COST		\$320,002
-		. ,	. ,	ı				. ,
DETAILS:								
6:00AM-6:15AM (.25) Sur	rvey 1.25	degr. @ 3,2	209.					
6:15AM-1:15PM (7) Drlg.								
1:15PM-1:30PM (.25) Rig								
1:30PM-8:00PM (6.5) Drlg								
8:00PM-8:15PM (.25)			@ 3,708.					
8:15PM-8:45PM (.5) F								
8:45PM-12:30AM (3.7								
12:30AM-12:45AM (.25) R	-							
12:45AM-6:00AM (5.25) [Orlg.							
<u> </u>								
 								
<u>l</u>								
Well Site Representative: I								

							Bea	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co	. Utah	09/03/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
Surve	y		3,272	2	772	12	6	70.5
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.		Bit No.	2		Weight	Fresh	Collars	613.36
Ream/wash		Size	7 7/8		Visc (Sec)	H2o	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's		Hwbp	121.99
Rig Serv.		Туре	e1046b3		FC 32's		WOB	20x25
Trips		Serial No	124414		pH		RPM (Top/Bit)	50/120
Surveys	1.00		1,415		Solids %		Tri W (Top/Bit)	00/120
Cmtg.	1.00	Out	1,110		Gels			
Run Csg.		Ftg	1,857		PV		PLIME	P DATA
Ck BOP		Hrs.	29		YP		Liners	6.5
Ck Rotating HD		Rate(ft/hr)	64		SS		Stroke	9
Rig Rprs	10.00		6x16		CA		SPM	124
MIRU	10.00	TBG	0.10		CL		Press(on/off btm)	1,250
COST DETAIL	D	AILY	CUMUL	LATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850	\$122,057	+	Cement			\$40,522
Bits		ΨΤΤ,ΟΟΟ	\$19,600	1	Welder			\$1,200
Mud		\$590	\$9,740	1	Surf Rental	Fauin	\$600	·
Water		\$260	\$14,900	1	Fuel	Lquip	Ψ	\$16,696
Supervision		\$750	\$7,400	1	Trucking			\$1,481
Geological/Mud Logger		Ψίσο	ψ1,100		Logging			41,181
Conductor, Rat & Mouse					Test BOPs			\$2,680
Casing & Pipe			\$30,393	3	Wellhead (M	Misc)		\$3,278
Motor		\$1,320	\$9,850			AL COST		\$302,316
DETAILO		·		II.			-	
DETAILS:								
6:00AM-8:00AM (2) Dlrg.								
8:00AM-8:15AM (.25) Rig								
8:15AM-9:00AM (.75) Drl 9:00AM-9:15AM (.25) Sur	•	logr @ 2 60	<u> </u>					_
9:15AM-1:30PM (4.25		legi. @ 2,60	U					
1:30PM-2:00PM (.5)		75 dear (6	0 2 010					
2:00PM-2:30PM (.5) F			g Z ,919.					
2:30PM-12:30AM (10) Ri			um clutch					
12:30AM-12:45AM (.25)	<u> </u>	. Change ui	um ciuton.					
12:45AM-5:45AM (5) Drlg								
5:45AM-6:00AM (.25) Su								
0.40AW-0.00AW (.20) 00	ivey.							
Well Site Representative:	Randy S	helton						
one Representative.	. tantay Of							

							Bear	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	Utah	09/02/2010
Current Operation			Total Depth	<u> </u>	Footage	Hours	Days Since Spud	Cum Rot Hrs.
Drlg	I		2,500)	1,085'	19	5	58.5
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly
Drlg.	19.00	Bit No.	2		Weight	Fresh	Collars	613.36
Ream/wash	2.00	Size	7 7/8		Visc (Sec)	H2o	Motor	30.11
Circulating		Mfg.	Reed		W.LCC's		Hwbp	121.99
Rig Serv.		Туре	e1046b3		FC 32's		WOB	20,000
Trips	00	Serial No	124414		pH		RPM (Top/Bit)	45/95
Surveys	1.25		1,415		Solids %		Tti W (Top/Bit)	10/00
Cmtg.	1.20	Out	1,710		Gels			
Run Csg.		Ftg	1,085		PV		DIME	PDATA
Ck BOP	1 hr	Hrs.	19		YP		Liners	6.5
Ck Rotating HD	1 111	Rate(ft/hr)	57.1		SS		Stroke	9
Rig Rprs		Jets	6x16		CA		SPM	114
MIRU	10.25		0.10		CL	1	Press(on/off btm)	1,125
COST DETAIL		AILY	CUMUI	LATIVE		L Γ DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850	\$110,207		Cement			\$40,522
Bits		φ11,050	\$110,207		Welder			\$1,200
Mud		\$401	\$9,150	+	Surf Rental	Equip	\$600	· ·
Water		\$210	\$14,640	+	Fuel	Ечир	\$3,680	
Supervision		\$750	\$6,650		Trucking		φ3,000	\$1,481
Geological/Mud Logger		\$150	φ0,030	/ 	<u> </u>			\$1,401
Conductor, Rat & Mouse					Logging Test BOPs			\$2,680
·			\$30,393))	Wellhead (N	diaa)		\$3,278
Casing & Pipe Motor		\$2,310	\$8,530			AL COST		\$286,946
IVIOLOI	<u> </u>	Φ 2,310	\$0,000	/	1017	12 0001		\$200,940
DETAILS:								
6:00AM-7:45AM (1.75) D	Irg cemer	nt to 1,395.						
7:45AM-8:15AM (.5) Tes	t csg to 1	,500 Psi.						
8:15AM-8:30AM (.25) Dr	lg cement	t, shoe, and	5' of formatio	n.				
8:30AM-8:45AM (.25) Rig	serv.							
8:45AM-9:15AM (.5)	.Leak te	st 375 Psi.	Bled dow	n to 345 P	si. 30 mins).		
9:15AM-3:45PM (6.5)	Drlg							
3:45PM-4:00PM (.25)	Survey	7.75 degr (@ 1,706'.					
4:00PM-8:00PM (4) Drlg								
8:00PM-8:30P[M (.5) Rig	serv.							
8:30PM-11:15P[M (.2.75)	Drlg							
11:15PM-11:45P[M (.5) \$	Survey 1.2	25 degr. @ 2	2.095					
11:45PM-4:00A[M (4.25)	Drlg.							
4:00AM-4:30AM (.5) surv	/ey 1 deg	r. @ 2,347.			<u>-</u>			
4:30AM-6:00A[M (1.5) D	rlg.				<u>-</u>			
Well Site Representative:	Randy S	helton						
·								

							Bear	cat 2	
Lease			Well No.	Location		County/State		Report Date	
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co. Utah		09/01/2010	
Current Operation			Total Depth	<u> </u>	Footage	Hours	Days Since Spud	Cum Rot Hrs.	
Drlg Cei	ment		1,415	5	0'	0	4	39.5	
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	sembly	
Drlg.		Bit No.	2		Weight	Fresh	Collars	613.36	
Ream/wash	3.00	Size	7 7/8		Visc (Sec)	H2o	Motor	30.11	
Circulating		Mfg.	Reed		W.LCC's		Hwbp	121.99	
Rig Serv.		Туре	e1046b3		FC 32's		WOB	20,000	
Trips	1.50	Serial No	124414		рH		RPM (Top/Bit)	45/95	
Surveys		In	1,415		Solids %				
Cmtg.		Out			Gels			l	
Run Csg.		Ftg			PV		PUMP	DATA	
Ck BOP	Test19.5	Hrs.			YP		Liners	6.5	
Ck Rotating HD		Rate(ft/hr)			SS		Stroke	9	
Rig Rprs		Jets	6x16		CA		SPM	119	
MIRU	10.25	TBG			CL		Press(on/off btm)	915	
COST DETAIL	D	AILY	CUMUI	LATIVE	COST	DETAIL	DAILY	CUMULATIVE	
Loc & Roads			\$18,267	7	Anchors			\$852	
Rig Cost		\$11,850	\$98,357	7	Cement			\$40,522	
Bits		\$8,100	\$19,600)	Welder		\$640	\$1,200	
Mud		\$496	\$8,749)	Surf Rental	Equip	\$600	\$2,200	
Water		\$760	\$14,430)	Fuel			\$13,016	
Supervision		\$750	\$5,900)	Trucking			\$1,481	
Geological/Mud Logger					Logging				
Conductor, Rat & Mouse					Test BOPs		\$2,680	\$2,680	
Casing & Pipe			\$30,393	3	Wellhead (N	1isc)		\$3,278	
Motor		\$220	\$6,220)	TOTA	L COST		\$267,145	
DETAILS:									
6:00AM-11:00AM (5) Cu	t off & we	ld on head.							
11:00AM-6:00PM (7) NU	BOPs.								
6:00PM-12:00AM (6) Te	sting BOF	s. Tested c	hoke, inner &	outter vavle	es on choke li	ne, and kill line	e, pipe rams, blind ra	ms, hydro, and flow	
valve.									
12:00AM-1:15AM (1.2									
1:15AM-2:45AM (1.5)		•	elly valve.						
2:45AM-3:45AM (1) I	Orlg mou	ıse hole.							
3:45AM-4:00AM (.25) GI			185'.						
4:00AM-6:00AM (2) Drlg	cement @	2 1,280'.							
								_	
Well Site Representative:									

							Веаг	rcat 2
Lease			Well No.	Location		County/State		Report Date
Tohonadla		ļ	35-P	sec.35	5-41S21E San Juan Co.		. Utah	08/31/2010
Current Operation			Total Depth	<u> </u>	Footage	Hours	Days Since Spud	Cum Rot Hrs.
WO Cen	nent	ļ	1,415	5	0'	0	3	39.5
Time Summary	Hrs.		Bit Record		Mud Record		Drlg As	ssembly
Drlg.		Bit No.	1		Weight	Fresh	Collars	
Ream/wash		Size	12 1/4	1	Visc (Sec)	H2o	Motor	
Circulating	1.00	Mfa.	Reed		W.LCC's		хо	
Rig Serv.		Туре	rfx616mio	1	FC 32's		WOB	20,000
Trips	5.75	Serial No	213351	+	pH		RPM (Top/Bit)	50/120
Surveys	0.25		80'	+	Solids %	-	IXI W (TOP/Dit)	30/120
Cmtg.	4.75		1,415	+	Gels			
Run Csg.	2.00		1,335'	+	PV	-	PLIMP	DATA
Ck BOP	2.00	Hrs.	39.5	+	YP	+	Liners	6.5/6.5
Ck Rotating HD		Rate(ft/hr)	33.8	+	SS	+	Stroke	115
Rig Rprs		Jets	55.0	+	CA	+	SPM	90/90
MIRU WOC	10.25				CL	+	Press(on/off btm)	1,100
COST DETAIL		AILY	CUMUL	LATIVE		L Γ DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267	,	Anchors			\$852
Rig Cost		\$11,850		+	Cement		\$35,140	· · · · · · · · · · · · · · · · · · ·
Bits		Ψ11,000	\$11,500	+	Welder		ψ55,140	\$560
Mud		\$841	\$8,253	+	Surf Rental	Equip.	\$400	
Water		\$750	\$13,670	+	Fuel	Lquip	\$5,766	
Supervision		\$750 \$750	\$5,150	_	Trucking		\$3,700	. ,
Geological/Mud Logger		Ψ130	ψ5,150	1	Logging		ψ575	ψ1,+01
Conductor, Rat & Mouse					Test BOPs			
Casing & Pipe		\$27,993	\$30,393	1	Wellhead (M	Misc)	\$2,108	\$3,278
Motor		Ψ21,000	\$6,000	_		AL COST	Ψ2,100	\$241,049
DETAILS:	<u> </u>		Ψ0,000	<u>'I</u>				Ψ211,010
6:00AM-6:15AM (.25) PC	OH		<u> </u>					
6:15AM-7:45AM (1.5) GI								
7:45AM-8:00AM (.25) Su			;'					
8:00AM-12:00PM (4) PO	-	-						
12:00PM-2:00PM (2)			8 625" 24#	# k55 w/ a	uide shoe &	float collar	Landed at 1415'	
Run 5 centralizers. 5'			0.020 2	<u>.</u>		<u> </u>		
2:00PM-3:00PM (1) (<u> </u>						
3:00PAM-6:00PM (3)		aliburton.	Cement. F	2ump 10 E	Bbls spacer.	Mix & pum	o 180 Bbbls lead.	430 sax wt. 12.3
yeild 2.36. Pump 31 I								
cement. Stop to stage					•			
6:00PM-12:00AM (6)								
12:00AM-1:45AM (1.7				 ump 23 Bt	ols of cemer	nt. 120 sax v	vt. 15.8 yeild 1.17	,
1:45AM-6:00AM (4.25) W			,				<u>, </u>	
, ,						-		
Well Site Representative:	Randy SI	helton						
Tron One Representative.	Tanay O	iolion						

								rcat 2
Lease	_		Well No.	Location		County/State		Report Date
Tohonadla			35-P	sec.35	5-41S21E	San Juan Co.	Utah	08/30/2010
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.
POOL	Н	ļ	1,415	i	805'	20.25	2	39.5
Time Summary	Hrs.		Bit Record		Mud Record		Drlg As	ssembly
Drlg.	20.25	Bit No.	1		Weight	Fresh	Collars	
Ream/wash		Size	12 1/4		Visc (Sec)	H2o	Motor	
Circulating	1.00	Mfg.	Reed		W.LCC's		XO	
Rig Serv.	1.00	Туре	rfx616mio		FC 32's		WOB	20,000
Trips	1.00	Serial No	213351		рН		RPM (Top/Bit)	50/120
Surveys	0.75	In	80'		Solids %			
Cmtg.		Out			Gels			
Run Csg.		Ftg	1,335'		PV		PUMF	P DATA
Ck BOP		Hrs.	39.5		YP		Liners	6.5/6.5
Ck Rotating HD		Rate(ft/hr)	33.8		SS		Stroke	115
Rig Rprs		Jets			CA		SPM	90/90
MIRU		TBG		1	CL		Press(on/off btm)	1,100
COST DETAIL	D	AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE
Loc & Roads			\$18,267		Anchors			\$852
Rig Cost		\$11,850			Cement			\$5,382
Bits		\$4,500			Welder			\$560
Mud		\$1,467			Surf Rental	Fauip	\$400	
Water		\$2,400			Fuel		7.55	\$7,250
Supervision		\$750			Trucking		\$700	· · · · · · · · · · · · · · · · · · ·
Geological/Mud Logger		•	+ ,		Logging		,	+ ,
Conductor, Rat & Mouse					Test BOPs			
Casing & Pipe			\$2,400		Wellhead (M	(lisc)		\$1,170
Motor		\$1,000				AL COST		\$155,826
DETAILS:								
6:00AM-8:30AM (2.5) Dr	ig							
8:30AM-9:00AM (.5) Rig	Serv.							
9:00AM-4:00PM (7) Drlg.								
4:00PM-4:30PM (.5) Rig	Serv.							
4:30PM-4:45PM (.25)	Survey	.25 degr. (@ 894'					
4:45PM-3:30AM (10.7	⁷ 5) Drlg							
3:30PAM-4:30AM (1)	Mix and	pump gel	sweeep.					
4:30AM-5:00AM (.5)	Survey r	misfire.						
5:00AM-6:00AM (1) F	N HOO	Viper trip.						
W # 61: B								
Well Site Representative:	Randy SI	nelton						

<u> </u>							Bear	cat 2	
Lease			Well No.	Location		County/State		Report Date	
Tohonadla			35-P	sec.35	-41S21E	San Juan Co.	Utah	08/29/2010	
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.	
drlg			690)	610'	19.25	1	19.25	
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	sembly	
Drlg.		Bit No.	1		Weight	Fresh	Collars		
Ream/wash		Size	12 1/4		Visc (Sec)	H2o	Motor		
Circulating		Mfg.	Reed		W.LCC's		XO		
Rig Serv.	1.00	Туре	rfx616mio		FC 32's		WOB	20,000	
Trips		Serial No	213351		pH		RPM (Top/Bit)	60/170	
Surveys	0.75		80'		Solids %		Tti Wi (Top/Bit)	00/110	
Cmtg.	0.70	Out			Gels				
Run Csg.		Ftg	610'		PV		PUMP	DATA	
Ck BOP		Hrs.	19.25		YP		Liners	6.5/6.5	
Ck Rotating HD		Rate(ft/hr)	31.7		SS		Stroke	90	
Rig Rprs	2.00	Jets	3		CA		SPM	90/90	
MIRU		TBG			CL		Press(on/off btm)	1250	
COST DETAIL		AILY	CUMUL	LATIVE		DETAIL	DAILY	CUMULATIVE	
Loc & Roads			\$18,267	,	Anchors			\$852	
Rig Cost		\$11,850		+	Cement			\$5,382	
Bits		\$7,000	\$7,000		Welder		\$560		
Mud		. ,	\$5,945	1	Surf Rental	Equip	\$400		
Water		\$2,500	\$11,270	1	Fuel		\$7,250	\$7,250	
Supervision		\$1,500	\$3,650		Trucking		\$406	\$406	
Geological/Mud Logger					Logging				
Conductor, Rat & Mouse			\$50,957	,	Test BOPs				
Casing & Pipe			\$2,400	\$1,200	Wellhead (M	1isc)		\$1,170	
Motor		\$5,000	\$5,000)	TOTA	L COST		\$132,759	
DETAILS:									
6:00AM-7:00AM (1). Drlg	rat and r	nouse hole.							
7:00AM-9:00AM (2). Dlg	surface.		Spudded at	7 AM 8/28/1	0				
9:00AM-9:30AM (.5). Rig	serv.								
9:30AM-4:00PM (6.5) Dr									
4:00PM-4:30PM (.5) F		ice.							
4:30PM-8:30PM (4) [
8:30PM-8:45PM (.25)			@ 280'.						
8:45PM-12:00AM (3.2	, ,								
12:00AM-2:00AM (2)		fuel transf	er pump.						
2:00AM-4:30AM (2.5)									
4:30AM-5:00AM (.5)		.5 degr. @	589'.						
5:00AM-6:00AM (1) [Orlg.								
Wall Site Depresentation	Don di C	haltan							
Well Site Representative:	Kandy SI	neiton							

							Беа	rcat 2	
Lease			Well No.	Location		County/State		Report Date	
Tohonadla			35-P	sec.35	-41S21E San Juan Co.		Utah	08/28/2010	
Current Operation			Total Depth	<u>l</u>	Footage	Hours	Days Since Spud	Cum Rot Hrs.	
PU Too	ols		80		0	0	0		
Time Summary	Hrs.		Bit Record		Mud Record		Drla A:	ssembly	
Drlg.		Bit No.			Weight	Fresh	Collars	<u> </u>	
Ream/wash		Size			Visc (Sec)	H2o	Motor		
Circulating		Mfg.			W.LCC's		XO		
Rig Serv.		Туре			FC 32's		WOB		
Trips		Serial No			pH		RPM (Top/Bit)		
Surveys		In			Solids %	-	Tti Wi (TOP/Bit)		
Cmtg.		Out			Gels	+			
Run Csg.		Ftg			PV	+	DIIME	PDATA	
Ck BOP		Hrs.			YP	_	Liners		
Ck Rotating HD		Rate(ft/hr)			SS	+	Stroke		
Rig Rprs		Jets			CA		SPM		
MIRU	24.00			 	CL	+	Press(on/off btm)		
COST DETAIL		AILY	CUMUL	L _ATIVE		L Γ DETAIL	DAILY	CUMULATIVE	
Loc & Roads			\$18,267		Anchors			\$852	
Rig Cost			ψ10,201		Cement			\$5,382	
Bits					Rig Move			ψ0,302	
Mud		\$3,055	\$5,945		Surf Rental		\$400	\$400	
Water		Ψ0,000	\$8,770		Tanks	<u> </u>	Ψτου	Ψ+00	
Supervision			\$2,150	+	Trucking			\$20,000	
Geological/Mud Logger			Ψ2,100		Logging			Ψ20,000	
Conductor, Rat & Mouse		\$23,700	\$50,957		Test BOPs				
Casing & Pipe		Ψ23,700	\$2,400		Wellhead (M			\$1,170	
Welder			Ψ2,400	Ψ1,200		AL COST		\$116,293	
VVCIGCI								ψ110,233	
DETAILS:									
6;00 AM 6;00 AM (24). M	IRU. MU	tools to drlg	ı rat hole.						
Well Site Representative:	Pandy S	helton							
	. tantay of								

							Bear	rcat 2	
Lease			Well No.	Location		County/State		Report Date	
Tohonadla			35-P	sec.35	-41S21E San Juan Co.		Utah	08/27/2010	
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.	
·			80		0	0	0		
Time Summary	Hrs.		Bit Record		Mud	Record	Drla As	l ssembly	
Drlg.		Bit No.			Weight	1	Collars		
Ream/wash		Size			Visc (Sec)		Motor		
Circulating		Mfg.			W.LCC's		XO		
Rig Serv.		Туре			FC 32's		WOB		
Trips		Serial No			pH		RPM (Top/Bit)		
Surveys		In			Solids %		TO W (TOP/Bit)		
Cmtg.		Out			Gels				
Run Csg.		Ftg			PV		PUME	DATA	
Ck BOP		Hrs.			YP		Liners		
Ck Rotating HD		Rate(ft/hr)			SS		Stroke		
Rig Rprs		Jets			CA		SPM		
MIRU	12.00				CL		Press(on/off btm)		
COST DETAIL		AILY	CUMUL	_ATIVE		DETAIL	DAILY	CUMULATIVE	
Loc & Roads		\$14,189	\$18,267		Anchors			\$852	
Rig Cost					Cement			\$5,382	
Bits					Rig Move			. ,	
Mud			\$2,890		Surf Rental	Equip			
Water		\$6,500	\$8,770		Tanks	• •			
Supervision		·	\$2,150	1	Trucking		\$18,500	\$20,000	
Geological/Mud Logger					Logging				
Conductor, Rat & Mouse		\$20,257	\$27,257		Test BOPs				
Casing & Pipe		\$1,200	\$2,400		Wellhead (M	1isc)		\$1,170	
Welder					TOTA	L COST	\$60,646	\$89,138	
DETAILS:									
MIRU.									
Well Site Representative:									

Lease			Well No.	Location	County/State			Report Date	
Tohonadla			35-P	sec.35	-41S21E San Juan Co.		Utah	08/14/2010	
Current Operation			Total Depth	l	Footage	Hours	Days Since Spud	Cum Rot Hrs.	
			80		0 0		2		
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly	
Drlg.		Bit No.			Weight		Collars		
Ream/wash		Size			Visc (Sec)		Motor		
Circulating		Mfg.			W.LCC's		XO		
Rig Serv.		Туре			FC 32's		WOB		
Trips		Serial No			рН		RPM (Top/Bit)		
Surveys		In			Solids %		, , ,		
Cmtg.		Out			Gels				
Run Csg.		Ftg			PV		PUMP	DATA	
Ck BOP		Hrs.			ΥP		Liners		
Ck Rotating HD		Rate(ft/hr)			SS		Stroke		
Rig Rprs		Jets			CA		SPM		
MIRU		TBG			CL		Press(on/off btm)		
COST DETAIL	D	AILY	CUMUL	ATIVE	COST	DETAIL	DAILY	CUMULATIVE	
Loc & Roads			\$4,078		Anchors			\$852	
Rig Cost			·		Cement		\$5,382	\$5,382	
Bits					Rig Move			. ,	
Mud			\$2,890		Surf Rental E	Equip			
Water		\$1,300	\$2,270		Tanks				
Supervision		\$750	\$2,150		Trucking			\$1,500	
Geological/Mud Logger			•		Logging				
Conductor, Rat & Mouse			\$7,500		Test BOPs				
Casing & Pipe			\$1,200		Wellhead (M	isc)	\$1,170	\$1,170	
Welder					TOTA	L COST	\$8,602	\$28,992	
DETAILS:									
PU csg. GIH. RU BJ. Pu	ımp 185 s	sacs of ceme	ent. 2% cc x	cement. Pu	mp cement.	Drill rat hole &	mouse hole. RDMC).	
Set 16" conductor at 80' ir					•				
Well Site Representative:	Randy SI	helton							

Lease Tohonadla Current Operation Running casin Time Summary H Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS: Mix mud. Load hole. Clean of	Irs. Bit No. Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	Well No. 35-P Total Depth 80 Bit Record		Weight Visc (Sec) W.LCC's FC 32's pH Solids % Gels PV YP SS	County/State San Juan Co Hours 0 Record	Days Since Spud	Report Date 08/13/2010 Cum Rot Hrs.
Current Operation Running casin Time Summary H Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Irs. Bit No. Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	Total Depth 80 Bit Record		Footage 0 Mud Weight Visc (Sec) W.LCC's FC 32's pH Solids % Gels PV YP SS	Hours 0	Days Since Spud 2 Drlg As Collars Motor XO WOB RPM (Top/Bit)	Cum Rot Hrs.
Time Summary H Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Irs. Bit No. Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	Bit Record		0 Mud Weight Visc (Sec) W.LCC's FC 32's pH Solids % Gels PV YP SS	0	Drlg As Collars Motor XO WOB RPM (Top/Bit)	
Time Summary Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder	Irs. Bit No. Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	Bit Record		0 Mud Weight Visc (Sec) W.LCC's FC 32's pH Solids % Gels PV YP SS		Drlg As Collars Motor XO WOB RPM (Top/Bit)	ssembly
Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Bit No. Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078			Weight Visc (Sec) W.LCC's FC 32's pH Solids % Gels PV YP SS	Record	Collars Motor XO WOB RPM (Top/Bit)	ssembly
Drlg. Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Bit No. Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078			Weight Visc (Sec) W.LCC's FC 32's pH Solids % Gels PV YP SS		Collars Motor XO WOB RPM (Top/Bit)	
Ream/wash Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Size Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	CUMUL		Visc (Sec) W.LCC's FC 32's pH Solids % Gels PV YP SS		Motor XO WOB RPM (Top/Bit)	
Circulating Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Mfg. Type Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	CUMUL		W.LCC's FC 32's pH Solids % Gels PV YP SS		XO WOB RPM (Top/Bit)	
Rig Serv. Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Type Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	CUMUL		FC 32's pH Solids % Gels PV YP SS		WOB RPM (Top/Bit)	
Trips Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Serial No In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	CUMUL		pH Solids % Gels PV YP SS		RPM (Top/Bit)	
Surveys Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	In Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	CUMUL		Solids % Gels PV YP SS			
Cmtg. Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Out Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	CUMUL		Gels PV YP SS		PUMP	
Run Csg. Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Ftg Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	CUMUL		PV YP SS		PUMP	
Ck BOP Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Hrs. Rate(ft/hr) Jets TBG DAILY \$4,078	CUMUL		YP SS		PUMP	DATA
Ck Rotating HD Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Rate(ft/hr) Jets TBG DAILY \$4,078	CUMUL		SS		Lineau	DATA
Rig Rprs MIRU COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	Jets TBG DAILY \$4,078	CUMUL				Liners	
COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	TBG DAILY \$4,078	CUMUL				Stroke	
COST DETAIL Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	DAILY \$4,078	CUMUL		CA		SPM	
Loc & Roads Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	\$4,078	CUMUL	<u> </u>	CL	<u> </u>	Press(on/off btm)	
Rig Cost Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:			.ATIVE	COST	DETAIL	DAILY	CUMULATIVE
Bits Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	#0.000	\$4,078		Anchors			\$852
Mud Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	60.000			Cement			
Water Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	ው ር ርርር			Rig Move			
Supervision Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	\$2,890	\$2,890		Surf Rental I	Equip		
Geological/Mud Logger Conductor, Rat & Mouse Motor Welder DETAILS:	\$520	\$970		Tanks			
Conductor, Rat & Mouse Motor Welder DETAILS:	\$750	\$1,400		Trucking		\$1,500	\$1,500
Motor Welder DETAILS:				Logging			
Welder DETAILS:	\$3,500	\$7,500		Test BOPs			
DETAILS:				Wellhead (M		\$1,170	\$1,170
				TOTA	L COST	\$14,408	\$20,360
	out well Dla from	63' to 80' sar	nd stone				
	out well. Dig from	00 10 00 341	ia storie.				
Well Site Representative: Ran							

Lease			Well No.	Location	County/State			Report Date	
Tohonadla			35-P	sec.35	-41S21E	San Juan Co.	Utah	08/12/2010	
Current Operation			Total Depth		Footage	Hours	Days Since Spud	Cum Rot Hrs.	
			63		0	0	1		
Time Summary	Hrs.		Bit Record		Mud	Record	Drlg As	ssembly	
Drlg.		Bit No.			Weight		Collars	·	
Ream/wash		Size			Visc (Sec)		Motor		
Circulating		Mfg.			W.LCC's		XO		
Rig Serv.		Туре			FC 32's		WOB		
Trips		Serial No			рН		RPM (Top/Bit)		
Surveys		In			Solids %		, , ,		
Cmtg.		Out			Gels				
Run Csg.		Ftg			PV		PUMP	DATA	
Ck BOP		Hrs.			YP		Liners		
Ck Rotating HD		Rate(ft/hr)			SS		Stroke		
Rig Rprs		Jets			CA		SPM		
MIRU		TBG			CL		Press(on/off btm)		
COST DETAIL	D	AILY	CUMUL	_ATIVE	COST	DETAIL	DAILY	CUMULATIVE	
Loc & Roads					Anchors		\$852	\$852	
Rig Cost					Cement				
Bits					Rig Move				
Mud					Surf Rental E	Equip			
Water		\$450	\$450		Tanks				
Supervision		\$750	\$750		Trucking				
Geological/Mud Logger					Logging				
Conductor, Rat & Mouse		\$4,000	\$4,000		Test BOPs				
Motor					Wellhead (M				
Welder					TOTA	L COST	\$6,052	\$6,052	
DETAILS:									
MIRU, rathole rig. Well st	arted falli	ing @ surfac	e. Fill hole w	/ H20. Drill	to 60'. Hit sa	nd stone. Drill	to 63'. Well starting	falling in @ 26'.	
Well Site Representative:	Randy S	helton							
-									

SUNDR Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals. 1. TYPE OF WELL Oil Well 2. NAME OF OPERATOR: NAVAJO NATION OIL & GAS C 3. ADDRESS OF OPERATOR: P.O. Box 4439, Window Rock	5.LEASE DESIGNATION AND SERIAL NUMBER: 1420603229 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO 7.UNIT or CA AGREEMENT NAME: 8. WELL NAME and NUMBER: TOHONADLA 35-P 9. API NUMBER: 43037500050000 9. FIELD and POOL or WILDCAT: TOHONADLA			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1219 FSL 0722 FEL QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESE Section: 35	P, RANGE, MERIDIAN: Township: 41.0S Range: 21.0E Meridian	ı: S		COUNTY: SAN JUAN STATE: UTAH
CHE	CK APPROPRIATE BOXES TO INDIC	ATE N	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
NOTICE OF INTENT Approximate date work will start: ✓ SUBSEQUENT REPORT Date of Work Completion: □ SPUD REPORT Date of Spud: □ DRILLING REPORT Report Date: 12. DESCRIBE PROPOSED OR CO	ACIDIZE CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION MPLETED OPERATIONS. Clearly show all processes.	pertine) Oi	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Volumes, etc. Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT) Al Zier SIGNATURE N/A	PHONE NUMBE 303 534-8300	:R	TITLE Operations/Production Manage DATE 3/14/2011	er

Tohonadla 35-P Testing Results

Spud: 29 Aug 2010 Rig Release: 14 Sep 2010 Completion Start: 28 Oct 2010 Final Report: 13 Jan 2011 On Production: 22 Jan 2011 KB: 4700 ft GL: 4688 ft Daily swab results RFT Results Perforated Zone Stimulation Date SITP (psi) во BSW BLW Fluid Level Swab runs Depth (ft) Pressure(psi) Gradient (psi/ft) Comments 5772' - 5774' 500 gal. 15% HCl @ 2.5 bpm & 11/5/2010 46.8 NR 35.2 1400'-4500' Pinkerton Trail 20 17 2450 psi 11/6/2010 44.8 30% oil cut on last 3 runs 11/8/2010 120 26 1800'-4800' 26 82 11/9/2010 71 2500'-4900' 27 60 24 Isolated by CIBP set at 5768' 70 197.8 Total 5746' - 5754' no stimulation 11/10/2010 40 33 1800' 14 oil cut at 10% on last run Pinkerton Trail 11/11/2010 25 76 2200'-5100' 31 25 116 Total 5712' - 5720' 10 no stimulation 11/12/2010 49 2100'-5200' 14 5718 1208 0.211 up to 30% oil cut 23 1183 L. Barker Creek 11/15/2010 55 15 106 1800'-4900' 5715 0.207 Isolated by CIBP set at 5680' Total 25 155 5615' - 5626' 1000 gal.? 15% HCl @ 1.0-1.7 11/17/2010 60 NR - 3800' 16 5622 1472 0.262 18 3300'-NR L. Barker Creek bpm & 2000 psi. * 1500 gal 15% 11/18/2010 160 29 17 5620 1573 0.28 Avg. oil cut 65%, last run 90% 11/19/2010 * 60 NR - 4900' HCL w/ball sealers at 4.7 bpm & 10 17 oil cut at 65% on last run 11/22/2010 100 41 17 2200'-4500' 17 9 BLW left to recover 2300 psi 87 Total 5585' - 5600' no stimulation 11/23/2010 2 45 NR - 4500' 5598 1516 0.27 oil cut at 30% on last run 11/24/2010 21 20 2200'-3800' 17 1506 M. Barker Creek 90 44 5593 11/29/2010 390 57 12 0' - 4200' 18 oil cut at 70% on last run 11/30/2010 260 43 11 600'-4400' 13 12/1/2010 320 22 10 2900'-4200' 8 145 77 Total 32 500'-3900' 5556' - 5564' no stimulation 12/2/2010 5562 1716 0.309 2900'-4800' M. Barker Creek 12/3/2010 30 15 58 23 5560 1645 0.294 oil cut at 30% on last run 12/6/2010 320 27 2700'-4800' 20 32 oil cut at 30% on last run 12/7/2010 215 27 12 2900'-4500' 69 102 Total 5455' - 5465' 1000 gal. 15% HCl @ 2 bpm & 12/9/2010 36 NR 9 3300' - Pkr Akah 2000 psi w/bio balls 12/13/2010 no fluid entry, 46 BLW LTR 5255' - 5270' 1000 gal. 15% HCl @ 1.2 bpm & 12/15/2010 35 NR no fluid on last 4 runs 5 BLW left to recover M. Desert Creek 3600 psi 12/16/2010 15 NR NR 5156' - 5166' 840 gal. 15% HCl @ 1.4 bpm & 42 0' - 4600' 0.4 Last run was 80% oil 12/17/2010 19 14 5164 2089 18 2400' - NR 2024 0.39 M. Desert Creek 3500 psi w/bio balls 12/20/2010 120 18 19 5161.5 12/21/2010 9 4000' - NR 80 14 15 14 BLW left to recover Total 52 10 40 NR 2360 5108' -5115' 1000 gal. 15% HCl @ 1.8 bpm & 12/23/2010 11 5124 0.46 17 2200'-NR 5118' - 5126' 3456 psi 12/27/2010 12 13 5110 2465 0.48 U. Desert Creek 12/28/2010 50 6 3900'-NR 12 22 BLW left to recover 28 Total 5030' - 5038' 100 gal. 15% HCl @ 1 bpm & 1/3/2011 33 NR NR 5062 1577 0.31 4300 psi w/bio balls 1/4/2011 20 2 NR 5057 2008 0.4 No fluid entry last 4 runs Lower Ismay 1/5/2011 slight blow NR 5034 1395 0.28 86 BLW left to recover Total 5 4940' - 4950' 100 gal. 15% HCl @ 1.5 bpm & 1/7/2011 100 31 12 Last 4 runs 100% oil, 53 BLW LTR Upper Ismay 3300 psi w/bio balls 1/10/2011 80 Total 10

NR - Not reported, SFL - starting fluid level, LTR - left to recover

CIBP's set at 5680' & 5768'

^{* 2}nd Acid job w/diversion

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

COMMENTS:

ROUTING CDW

_X Change of Operator (Well Sold)		Operator Name Change/Merger								
	The operator of the well(s) listed below has changed, effective:									
FROM: (Old Operator): N2190-ST Oil Company 1675 Broadway, Suite 1100 Denver, CO 80202				TO: (New Operator): N3600-Genesis ST Operating, LLC 1660 Lincoln Street, Suite 2100 Denver, CO 80064						
Phone: 1 (303) 296-1908				Phone: 1 (303)	296-1908					
CA N	0.			Unit:			- "			
WELL NAME		TWN	RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL		
TOYLONG					NO		TYPE	STATUS		
TOHONADLA 35-P	35		210E	4303750005	17840	Indian	OW	P		
TOHONADLA 1-E	01	420S	210E	4303750006	17841	Indian	OW	P		
OPERATOR CHANGES DOCUMEN Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation 2. (R649-8-10) Sundry or legal documentation	was rec	eived fi				4/19/2011				
						Designation of	of Agent			
3. The new company was checked on the Depa4a. Is the new operator registered in the State of	riment et 14-1.	oi Con	nmerce					2/9/2011		
				Business Numb		7073743-0161				
5a. (R649-9-2)Waste Management Plan has been					4/21/2011					
5b. Inspections of LA PA state/fee well sites con	•			n/a						
5c. Reports current for Production/Disposition &				OK	_					
6. Federal and Indian Lease Wells: The	BLM an	d or the	BIA h	as approved the	merger, na	me change,				
or operator change for all wells listed on Fed 7. Federal and Indian Units:					BLM		BIA	-		
The BLM or BIA has approved the success						n/a				
8. Federal and Indian Communization A										
The BLM or BIA has approved the operator	or for all	wells l	isted w	ithin a CA on:		n/a				
9. Underground Injection Control ("UI	C'') Di	vision	has ap	proved UIC Fo	orm 5 Tran	nsfer of Authori	ity to			
Inject, for the enhanced/secondary recovery	unit/pro	ject for	the wa	ter disposal wel	l(s) listed o	n:	n/a			
DATA ENTRY:								-		
1. Changes entered in the Oil and Gas Databa	se on:			4/19/2011	ı					
2. Changes have been entered on the Monthly	Operate	or Cha	nge Sp	read Sheet on:		4/19/2011				
3. Bond information entered in RBDMS on:				n/a						
 Fee/State wells attached to bond in RBDMS Injection Projects to new operator in RBDMS 				n/a						
5. Injection Projects to new operator in RBDM?6. Receipt of Acceptance of Drilling Procedures		D/Marr		n/a	,					
BOND VERIFICATION:	S IOF AP	D/New	on:		n/a					
Federal well(s) covered by Bond Number:				,						
2. Indian well(s) covered by Bond Number:			-	n/a						
3a. (R649-3-1) The NEW operator of any state.	fee well	l(c) liete	ad cove	RLB0006712	d	/-				
						n/a		•		
3b. The FORMER operator has requested a rele LEASE INTEREST OWNER NOTIFI	ase of li	ability :	irom th	eir bond on:	n/a					
		-		1.0	•					
 (R649-2-10) The NEW operator of the fee we of their responsibility to notify all interest own 	us nas b	een cor	nacted	and informed by		om the Division				
or anon responsionity to notify all interest OWI	ICIS OI [ms chal	ige on:		n/a					

RECEIVED

APR 1 9 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

Tohonadla

Tribal No. 14-20-603-229

Genesis ST Operating LLC N3600

1660 Lincoln Street, Suite 2100

LEASE NAME:

LEASE NUMBER:

and hereby designates

NAME:

ADDRESS:

	city	Denver		state Co	O zip	80264	
		(303)296	-1908			
regula securi	ations applicable theret	I operator □, with full auto and on whom the Divise Oil and Gas Conservation oect to:	ion Director or	Authorized	Agent may ser	ve written or oral instr	uctions in
	(Describe acreage to whice needed.)	h this designation is applicable.	Identify each oil ar	nd gas well by	API number and n	ame. Attach additional page	s as
	Oil Well	API Number	Entity Num	nber			
	Tohonadla 35-P	43-037-50005	17840			11	
	B	ond # RLB 000	6713	D	Carlene to	D 41/9/30 Sussell Gas and Mining Engineering Technici	í
of the	lease and the Oil and of Utah. It is also unde	ignation of agent/operator Gas Conservation Gener erstood that this designation	al Rules and P	rocedural F	Rules of the Boa	ard of Oil, Gas and Mir	ning of the
		of the designated agent/op of Oil, Gas and Mining of					ıles, lease
The le	essee agrees to promp	tly notify the Division Dire	ctor or Authoriz	ed Agent o	of any change in	this designation.	
Effec	tive Date of Designat	ion: 01/01/2011	_				
BY:	(Name) Lauren Ger	minario	OF:	(Company)	Navajo Nation	Oil & Gas Company	N2550
	(Signature) Auun	Gerninais		(Address)	1675 Broadway	y, Suite 1100	
	(Title) Land N	lanager			city Denver		
	(Phone) (303) 534-8	300			state CO	_{zip} 80202	
(5/2000)							•

			DEPAR		AIE (TOFNA		AH L RESO	URCES	;) REPO change:		FORM 8
			DIVISIO			-							5. L	EASE DE		ON AND SE	RIAL NUMBER:
WELI	L COM	PLE	TION	OR F	RECO	MPL	ETIO	N RE	POR	T AND	LOG			INDIAN, Vavajo		E OR TRIE	BE NAME
1a. TYPE OF WELL:		Ç V	WELL Z	(GAS C		DRY [отн	ER				NIT or CA	AGREEN	MENT NAM	E
b. TYPE OF WORK NEW WELL	(: HORIZ. LATS.	[E	DEEP-		RE- ENTRY]	DIFF. RESVR.		отн	ER			8. V	ÆLL NAM	ME and NU nadla 3		
2. NAME OF OPERA Navajo Na		& Gas	Comp	any			·			·			1	PI NUMBI	ER: '50005	5	
3. ADDRESS OF OF P.O. Box 44	ERATOR:		сіту Wir	-	Rock	STATE	AZ	ZIP 86 5	515		NUMBER: 3) 534-8	300	10 F		POOL, C	OR WILDC/	AT
4. LOCATION OF W AT SURFACE:	•		? FEL							•				QTR/QTR MERIDIAI ESE		n, towns	HIP, RANGE,
AT TOP PRODUC		AL REPO	ORTED BEL	:OW:										COUNTY		1	3. STATE
14. DATE SPUDDED		DATE	T.D. REAC	HED:	16. DATE	COMPI	ETED:			, <u>-</u>			5	AN J		(DF, RKB,	UTAH
8/29/2010		9/11/		ico.	i	3/2011		A	BANDON	ED 🗌	READY TO F	PRODUCE		4699	9 DF,	4700	KB,4688 GL
18. TOTAL DEPTH:	MD 5,8 TVD 5,8		1	9. PLUG	BACK T.D).: MD TVD			20. IF N		OMPLETIONS	S, HOW M	IANY?*		TH BRIDG .UG SET:		5680 ‡ 5768
22. TYPE ELECTRIC	•		مسرد		·	-	مـــ			23.					🗆		
CBL/GR, AF Combo/GR/	PS/Sonic SP, CML	/DTC	O, BHC BR/SP	Soni	c/GR,	Calipe	er, Trip	le		WAS DST	L CORED? RUN? NAL SURVE)	' ?	NO NO NO	☑ , ·	YES YES YES	(Subn	nit analysis) nit report) nit copy)
24. CASING AND LI	NER RECORI) (Repor	t all strings	set in w	ell)								,	<u> </u>			
HOLE SIZE	SIZE/GRA	DE	WEIGHT	(#/ft.)	TOP (MD)	вотто	M (MD)		EMENTER PTH	CEMENT T NO. OF SA		SLUI VOLUM		CEMEN	NT TOP **	AMOUNT PULLED
12 1/4	8 5/8 K	(-55	24		C)	1,4	15			PBR-2	430			Su	rface	
7 7/8	5 1/2	J-55	17	,			5,8	107	4	885	G	150			 	140	1
7 7/0	3 1/2	J-33	17				5,6	007	4,	000	LIGHT	250 925				240	
·																	
,																	
25. TUBING RECOR	RD.																
SIZE	DEPTH S		PACK	ER SET (I	MD)	SIZE		DEPTH	SET (MD)	PACKE	R SET (MD)		SIZE		EPTH SE	T (MD)	PACKER SET (MD)
2 7/8 26. PRODUCING IN	5,6		<u> </u>				i			27 DEDEO	RATION REC	ODD					
FORMATION		<i>ј</i> ² <i>К</i> . Гог	DX P(MD)	вотто	M (MD)	TOP	(TVD)	вотто	VI (TVD)		L (Top/Bot - N		SIZE	NO. HO	LES	PERFOR	ATION STATUS
(A) see attach	ned				· · · · ·		` '								Ope		Squeezed
(B)															Оре	en 🗍	Squeezed
(C)										** ' .		* **			Ope	en 🗍	Squeezed
(D)															Ope	en	Squeezed
28. ACID, FRACTUR	RE, TREATME	NT, CEN	ENT SQUE	EZE, ET	C.										-		
DEPTH I	NTERVAL		T						AM	DUNT AND T	YPE OF MAT	ERIAL					
see attached	i																
29. ENCLOSED AT	rachments:															30. WELI	_STATUS:
	RICAL/MECHA			CEMENT	VERIFICA	ATION	=	GEOLOGI	C REPOR ALYSIS	Z	DST REPOR' OTHER: <u>te</u>	r □ st sum	DIRECT	TIONALS	SURVEY	ED	
														ILU	<u> </u>	<u> </u>	

APR 07 2011

1/22/2011		İ					RATES: →					
CHOKE SIZE:	TBG. PRES	i		API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION	ON OI	IL – BBL;	GAS – MCF:	WATER - BBL:	INTERVAL STATUS
	35	135	•		INT	EDVAL B (Ac abo						
DATE FIRST DD	ODUCED	ITEGT O	ATE			ERVAL B (As sho	, <u></u>	1		F2		
DATE FIRST PR	ODUCED:	TEST D	AIE:		HOURS TESTED	D:	TEST PRODUCTIO RATES: →	N OI	IL – BBL:	GAS MCF:	WATER BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	S. CSG. PI	RESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	ON OI	IL – BBL:	GAS – MCF:	WATER - BBL:	INTERVAL STATUS
					INT	ERVAL C (As sho	wn in item #26)					
DATE FIRST PR	ODUCED:	TEST D	ATE:		HOURS TESTED): 	TEST PRODUCTIO RATES: →	N OI	IL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	S. CSG. PI	RESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES: →	ON OI	IL – BBL:	GAS MCF:	WATER BBL:	INTERVAL STATUS:
					INT	ERVAL D (As sho	wn in item #26)					
DATE FIRST PR	ODUCED:	TEST D	ATE:		HOURS TESTED);	TEST PRODUCTIO RATES: →	N OI	IL – BBL:	GAS - MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	S. CSG. PI	RESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES: →	ON OI	IL – BBL:	GAS – MCF:	WATER - BBL:	INTERVAL STATUS:
32. DISPOSITIO vented	N OF GAS (S	old, Used for	Fuel, Vei	nted, Etc.)	•	•		•			<u> </u>	
33. SUMMARY	OF POROUS	ZONES (Inclu	de Aquife	ers):	· · · · · · · · · · · · · · · · · · ·			34. F	ORMATION (Lo	g) MARKERS:	·	
Show all importate tested, cushion u	nt zones of po sed, time tool	rosity and con open, flowing	tents ther and shut-	eof: Cored interva in pressures and r	ls and all drill-stem ecoveries.	ı tests, including de	pth interval					
Formatio	en	Top (MD)		tom ID)	Descript	tions, Contents, etc				Name		Top (Measured Depth)
Upper Ism	ay	4,940	4,9	950								
Lower Isma	ay	5,030	5,0	38								
U. Desert	Creek	5,108	5,1	26								
M. Desert	Creek	5,156		270								
Akah		5,455		165								
M. Barker	Creek	5,556	5,6									
L. Barker (5,616	5,7									
Pinkerton 2	ŀ	5,746	5,7									
35. ADDITIONAL	REMARKS	Include plug	ging proc	edure)			***					
Production	n test 3/2	2/2011: 1	5 BO,	13 BW, 24	hrs on pur	np, see the	attachment f	or a	dditional 7	Testing Res	sults.	
36. I hereby cert	tify that the fo	oregoing and	attached	information is co	omplete and corre	ect as determined	from all available re	cords.	<u> </u>			
NAME (PI FASI	E PRINT)	A.D.	210	· ^			TITLE O	n< 4	/Fun	Mana	e o c	
NAME (PLEASI	1	8.					_ TITLE <u>O</u>	3/	7,7	- 1-0, 150	0	
SIGNATURE	all	Me C)				DATE 3-	· ZZ	2-//			

INTERVAL A (As shown in item #26)

TEST PRODUCTION OIL - BBL:

GAS - MCF:

WATER - BBL: PROD. METHOD:

HOURS TESTED:

This report must be submitted within 30 days of

31. INITIAL PRODUCTION

DATE FIRST PRODUCED:

TEST DATE:

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- · drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

^{*} ITEM 20: Show the number of completions if production is measured separately from two or more formations.

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL. GAS AND MINING

	DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-229
SUNDRY	NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
JOHD!!!		***************************************	Navajo 7. UNIT or CA AGREEMENT NAME:
Do not use this form for proposals to drill n	new wells, significantly deepen existing wells below current bottor aterals. Use APPLICATION FOR PERMIT TO DRILL form for su	m-hole depth, reenter plugged wells, or to uch proposals.	N/A
1. TYPE OF WELL OIL WELL		, , , , , , , , , , , , , , , , , , ,	8. WELL NAME and NUMBER:
	ONO WELL OF OTHER		Tohonadla 35-P
2. NAME OF OPERATOR: Navajo Nation Oil & Gas (Company		9. API NUMBER: 4303750005
3. ADDRESS OF OPERATOR:	· · · · · · · · · · · · · · · · ·	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
	y Window Rock STATE AZ ZIP 86515	5 (303) 534-8300	Tohonadla
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1219 F	FSL 722 FEL		COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: SESE 35 41S 21E		STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICATE NA	TURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	T	TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING F	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
•	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS ✓	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion.	COMMINGLE PRODUCING FORMATIONS . F	RECLAMATION OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all pertinent	details including dates, depths, volume	es, etc.
Date of first production 1/2	22/2011		
bate of mot production 1/2			
Commingled formations: UM	Upper Ismay, Lower Ismay, Upper Desc ver Barker Creek.	ert Creek, Middle Desert Cr	eek, Akah, Upper Barker Creek,
·			
Production Test 3/2/11: 15	5 BO 13 BW, 24 hrs on pump		
NAME (PLEASE PRINT) A. D	.Zier	TITLE OPS/Eng	Manager
18			. 0
SIGNATURE		_ DATE <u>3-22-//</u>	

(This space for State use only)

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Tohonadla 35-P Testing Results

Spud: 29 Aug 2010	Rig Release: 14 Sep 2010		
	Completion Start: 28 Oct 2010	Final Report: 13 Jan 2011	On Production: 22 Jan 2011
KB: 4700 ft	GL: 4688 ft		

ΚΒ: 4700 π	GL: 4688 π			5-1						DET D		1
D. C	Tour and the same	2.1.	COTTO ()	BO	swab result BSW	s BLW	let. datat	[C]	Depth (ft)	RFT Result		6
Perforated Zone	Stimulation	Date		BO	R2M		Fluid Level	Swab runs	Deptn (ft)	Pressure(psi)	Gradient (psi/ft)	Comments
5772' - 5774'	500 gal. 15% HCl @ 2.5 bpm &	11/5/2010	i .			46.8	1	1	•			L
Pinkerton Trail	2450 psi	11/6/2010				35.2	1400'-4500'	17				30% oil cut on last 3 runs
		11/8/2010	1	1	Į.		1800'-4800'	26				
		11/9/2010	60				2500'-4900'	27				Isolated by CIBP set at 5768'
Total				70								
5746' - 5754'	no stimulation	11/10/2010	1]	40	33	1800'	14				oil cut at 10% on last run
Pinkerton Trail		11/11/2010	55				2200'-5100'	31				
Total				25	116							
5712' - 5720'	no stimulation	11/12/2010		10	49		2100'-5200'	14	5718	1208	0.211	up to 30% oil cut
L. Barker Creek		11/15/2010	55	15	106		1800'-4900'	23	5715	1183	0.207	Isolated by CIBP set at 5680'
Total				25	155							
5615' - 5626'	1000 gal.? 15% HCl @ 1.0-1.7	11/17/2010		7		60	NR - 3800'	16	5622	1472	0.262	
L. Barker Creek	bpm & 2000 psi. * 1500 gal 15%	11/18/2010	160	29		18	3300'-NR	17	5620	1573	0.28	Avg. oil cut 65%, last run 90%
	HCL w/ball sealers at 4.7 bpm &	11/19/2010	1	10		60	NR - 4900'	17	4			oil cut at 65% on last run
	2300 psi	11/22/2010				17	2200'-4500'	17				9 BLW left to recover
Total				87				ļ				
5585' - 5600'	no stimulation	11/23/2010		2		45	NR - 4500'	7	5598	1516	0.27	oil cut at 30% on last run
M. Barker Creek	in sumulation.	11/24/2010	i .				2200'-3800'	17		1506	1	
Durner Creek		11/29/2010	1		12		0' - 4200'	18		2000		oil cut at 70% on last run
		11/30/2010	1	43	1		600'-4400'	13				on dat at 70% on last rain
		12/1/2010	1		1		2900'-4200'	8				
Total		12/1/2010	320	145			2300 -4200					
5556' - 5564'	no stimulation	12/2/2010	 	143	- "	27	500'-3900'	5	5562	1716	0.309	
	no stimulation	, , ,	1	45	58	32	2900'-4800'	23			ŀ	
M. Barker Creek		12/3/2010	1	i	1					1645	0.294	oil cut at 30% on last run
		12/6/2010		1	1		2700'-4800'	20				oil cut at 30% on last run
		12/7/2010	215	27			2900'-4500'					
Total				69	102			·····				
5455' - 5465'	1000 gal. 15% HCl @ 2 bpm &	12/9/2010					NR	5				
Akah	2000 psi w/bio balls	12/13/2010				_	3300' - Pkr	5				no fluid entry, 46 BLW LTR
5255' - 5270'	1000 gal. 15% HCl @ 1.2 bpm &	12/15/2010	1				NR	9				no fluid on last 4 runs
M. Desert Creek	3600 psi	12/16/2010					NR	NR				5 BLW left to recover
5156' - 5166'	840 gal. 15% HCl @ 1.4 bpm &	12/17/2010		19	1		0' - 4600'	14	E I	2089		Last run was 80% oil
M. Desert Creek	3500 psi w/bio balls	12/20/2010		18	1		2400' - NR	19	l I	2024	0.39	
		12/21/2010	80	15		9	4000' - NR	14				14 BLW left to recover
otal				52								
5108' -5115'	1000 gal. 15% HCl @ 1.8 bpm &	12/23/2010	0	10		40	NR	11	5124	2360	0.46	
5118' - 5126'	3456 psi	12/27/2010	0	12	1	17	2200'-NR	13	5110	2465	0.48	
J. Desert Creek		12/28/2010	50	6		8	3900'-NR	12				22 BLW left to recover
otal otal				28								
030' - 5038'	100 gal. 15% HCl @ 1 bpm &	1/3/2011				33	NR	NR	5062	1577	0.31	
ower Ismay	4300 psi w/bio balls	1/4/2011	20	3			NR	7	5057	2008	0.4	No fluid entry last 4 runs
			slight blow	2		1	NR	5	5034	1395		86 BLW left to recover
otal			J	5		<u>-</u>		<u> </u>			3,20	
1940' - 4950'	100 gal. 15% HCl @ 1.5 bpm &	1/7/2011	100	5		31		12		-		Last 4 runs 100% oil, 53 BLW L
	3300 psi w/bio balls	1/10/2011		5								
Upper Ismay												

^{* 2}nd Acid job w/diversion

NR - Not reported, SFL - starting fluid level, LTR - left to recover CIBP's set at 5680' & 5768'

Carol Daniels - FW: TOHONADLA 35-P

From:

"Al Zier"

To:

"Carol Daniels"

Date:

4/20/2011 3:31 PM

Subject:

FW: TOHONADLA 35-P

CC:

"Lauren Germinario"

Attachments: "Lauren Germinario"

Carol,

All the testing was done by swabbing. The well did not flow other than to alleviate shut-in pressure after being shut-in overnight. Tubing & casing pressure was 35 psi during all testing.

Regards, Al

From: Richard Ferris [mailto:rferris@trinitymgt.com]

Sent: Monday, April 18, 2011 2:07 PM

To: Al Zier

Subject: RE: TOHONADLA 35-P

No Choke. Test was pumping down flow line with a tubing and casing pressure of 35 psi.

Rich Ferris

From: Al Zier [mailto:azier@nnogc.com] **Sent:** Monday, April 18, 2011 11:08 AM

To: Rich Ferris

Subject: FW: TOHONADLA 35-P

Rich,

Do you have any choke sizes, tubing, and casing pressures I can add? Lauren had attached the table I prepared, but it has apparently went missing so I need to resend it. I only had shut-in tubing pressures.

Thanks,

Αl

From: Carol Daniels [mailto:caroldaniels@utah.gov]

Sent: Monday, April 18, 2011 10:47 AM

To: Al Zier

Subject: TOHONADLA 35-P

Thank you for replying!

Missing information on the "Well Completion or Recompletion Report and log" Form 8:

Item 27. Perforation record - no perf's were listed

Item 31. 24-hour test - was their a choke size, tubing & casing pressures

Any questions, let me know.

Carol Daniels State of Utah Division of Oil, Gas & Mining (801) 538-5284 caroldaniels@utah.gov

Carol Daniels - RE: TOHONADLA 35-P

"Al Zier" From:

To: "Carol Daniels"

Date: 4/18/2011 11:20 AM Subject: RE: TOHONADLA 35-P

Carol,

Apparently the table Lauren attached went missing. I am trying to get more information on choke, tubing, and casing pressures as the reports were rather sparse on that information. Soon as I get it, I will send it to you.

Thanks, Al

From: Carol Daniels [mailto:caroldaniels@utah.gov]

Sent: Monday, April 18, 2011 10:47 AM

To: Al Zier

Subject: TOHONADLA 35-P

Thank you for replying!

Missing information on the "Well Completion or Recompletion Report and log" Form 8:

Item 27. Perforation record - no perf's were listed

Item 31. 24-hour test - was their a choke size, tubing & casing pressures

Any questions, let me know.

Carol Daniels State of Utah Division of Oil, Gas & Mining (801) 538-5284 caroldaniels@utah.gov

Carol Daniels - TOHONADLA 35-P

From:

Carol Daniels

To:

azier@nnogc.com

Subject: TOHONADLA 35-P

Missing information on the "Well Completion or Recompletion Report and log" Form 8:

Item 27. Perforation record - no perf's were listed

Item 31. 24-hour test - was their a choke size, tubing & casing pressures

Any questions, let me know.

Carol Daniels State of Utah Division of Oil, Gas & Mining (801) 538-5284 caroldaniels@utah.gov

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

REPORT OF WATER	ENCOUNTERED	DURING D	DILL ING

Well name and		IONADLA :	DO-T			_
API number: 4	303750005					
Well Location: (QQ <u>SESE_</u> Se	ction <u>35</u>	_ Township <u>/</u>	11S Range 21E	Cou	nty SAN JUAN
Well operator:	NAVAJO NAT	ON OIL &	GAS COMP	ANY		
Address:	P.O. BOX 443	39				
	city WINDOW	ROCK	state AZ	zip 86515	Pho	one: (303) 534-8300
Drilling contract	or: BEAR CA	T DRILLIN	G			
Address:	P.O. BOX 717	7				
	city FARMING	TON	state NM	zip 87499	Pho	one: (505) 327-5218
Water encounte	ered (attach ac	lditional pa	ges as neede	ed):		
Γ	DEP	TH		VOLUME		QUALITY
	FROM	то	(FL	OW RATE OR HEAD)	(FRESH OR SALTY)
						NO WATER ENCOUNTERED
						
_						
-		•				
L						
Formation tops: (Top to Bottom)						
	7					
	10					40
	10			_ 11		12 REC
If an analysis ha	as been made	of the wate	er encountere	d please attach a	copy of	f the report to this form
I hereby certify th	at this report is t	rue and com	olete to the bes	of my knowledge.		DIV. OF OIL
NAME (PLEASE PRINT	A.D. Z	Zier		TITL	E 00	s/Ena Manager
1	8-	•				05/Eng Manager 22-11

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING



ENTITY ACTION FORM

Operator:

Genesis ST Operating LLC

Operator Account Number: N

419

Address:

1660 Lincoln Street, Suite 2100

city Denver

state CO zip 80264 Phone Number: (303) 296-1908

Well 1

API Number	Well	QQ	Sec	Twp	Rng	County		
4303750005	Tohonadla 35-P		SESE	35	41S	21E	SAN JUAN	
Action Code	Current Entity Number	New Entity Number	S	pud Dat	te		ity Assignment ffective Date	
С	17840	17840 11202		3/12/201	0	1/1/2011		

Comments:

CHANGE TO MAKE ALL WELLS ON LEASE USE SAME ENTITY NUMBER

4/25/11

API Number	Well	Name Name	QQ	Sec	Twp	Rng	County		
4303750006	Tohonadla 1-E		SWNW	1	415	21E	SAN JUAN		
Action Code	Current Entity Number	New Entity Number					y Assignment fective Date		
С	17841 06230		8	/15/201	0	1/1/2011			

Comments: CHANGE TO MAKE BOTH WELLS ON LEASE USE SAME ENTITY NUMBER

4/25/11

Well 3

API Number	Well	Name	QQ	Sec	Twp	Rng County			
Action Code	Current Entity Number	New Entity Number	S	Spud Date			Entity Assignment Effective Date		
omments:									

ACTION CODES:

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity

 Other (Explain in 'comments' section)

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- E Other (Explain in 'comments' section)

CHIEF OPERATIONS ENGINE 4/19/2011

RICHARD A. FERRIS

Name-(Please Print)

Title

Date

APR 2 5 2011

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Form 3160- 5

UNITED STATES

JUL 18 201

FORM APPROVED

(August 1999)	DEPARTMENT (DF THE INTERIO	20	OMB No. 1004- 0135		
	BUREAU OF LAN	ID MANAGEMEN	W. OF OIL, GAS & MI	Expires: November 30, 2000		
SI	JNDRY NOTICES AN	D REPORTS ON	WITTE	MNGease Serial No. 14-20-603-229		
	Do not use this form for pro	6. If Indian, Allottee, or Tribe Name				
<i>a</i>	abandoned well. Use Form 31		o. If indian, Anottee, or Thoc Name			
	RIPLICATE - Other In	structions on rever	se side	7. If Unit or CA. Agreement Designation		
1. Type of Well Oil Well Gas Well	Other			8. Well Name and No.		
2. Name of Operator				Tohonadla 35-P		
Navajo Nation Oil & Gas Co., In	c			9. API Well No.		
3a. Address			clude area code)	43-037-50005		
P.O. Box 4439, Window Rock, A		(928) 871-	-4880	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., 1., 1	к., м., or survey Description)			Tohonadla Barker Creek 11. County or Parish, State		
CIII . 1210 f-1 722	1 fol Con 25 TAIC DOLL	7				
	2 fel, Sec 35 T41S, R211		IOTICE DEDODE O	San Juan Co., Utah		
	RIATE BOX(S) TO INDIC	TATE NATURE OF I		R OTHER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION			
Notice of Intent	Acidize	Deepen	Production (Start/)	Resume) Water Shut-off		
Tenneral .	Altering Casing	Fracture Treat	Reclamation	Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete	Other		
	Change Plans	Plug and abandon	Temporarily Aband	on Drilled 1" x 300' Laterals		
Final Abandonment Notice	Convert to Injection	Plug back	Water Disposal			
Attach the Bond under which the wor following completion of the involved	ally or recomplete horizontally, gi rk will performed or provide the B I operations. If the operation result andonment Notice shall be filed o	ve subsurface locations and sond No. on file with the BL is in a multiple completion of	measured and true vertical of AM/BIA. Required subseque or recompletion in a new interest.	work and approximate duration thereof. lepths or pertinent markers and sands. In reports shall be filed within 30 days rval, a Form 3160-4 shall be filed once been completed, and the operator has		
Jet Drilled 300' laterals an 1. Drilled 4 - 1" holes in a 90 degrees apart. The d 4941' (Upper Ismay), 51 5621' (Mid Barker Creel 3. After jetting the 5 sets	casing and used a high pepth of each set of latera 60' (Desert Creek), 555 k).	oressure jetting tool als was at the follow 8' (Upper Barker C	to create 300' horizo ving depths: reek), 5596' (Mid B	arker Creek) &		
4. Pumping production ed			- Titil 5500 gailolls	15 / 0 1101) and 5 ma000d.		
5. Average producing rate			and 25 barrels water	er per dav		
0 1	s 13 barrels oil per day a	• •		1		
4						

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Richard A Ferris

Chief Operations Engineer - Trinity Petroleum Management, LLC

Date

July 14, 2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitiousor fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)			Operator Na	ame Chang	ge/Merger				
The operator of the well(s) listed below has cha	nged, effect	tive:		8/1/2010					
FROM: (Old Operator):			TO: (New Operator):						
N2550- Navajo Oil & Gas Cp.			N3930- NNOC	C Explorati	ion & Production	ı, LLC			
1625 Broadway, Suite 1100			1625 Broadwa	y, Suite 100	0				
Denver, CO 80202			Denver, CO 80	202					
Phone: 1 (303) 534-8300			Phone: 1 (303)534-8300						
CA No.			Unit:	N/A					
WELL NAME	SEC TWN		API NO	ENTITY	LEASE	WELL	WELL		
WEEL TANKE	RNG			NO	TYPE	TYPE	STATUS		
See Attached List									
 OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed (R649-8-10) Sundry or legal documentation with the new company was checked on the Depart da. Is the new operator registered in the State of 5a. (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State of State (R649-9-2) Waste Management Plan has been soon to be in the State	vas received vas received thent of Coutah: received on plete on: Sundries or LM and or the total or India or of unit opgreements	the BIA n leases	e NEW operators, Division of Caroliness Number 12/31/2102 12/31/2012 has approved the on: or wells listed of Caroliness Number 12/31/2012 has approved the on:	r on: Corporation ber: e merger, na	8399948-0165	- - BIA			
						- ity to			
9. Underground Injection Control ("UIC") Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A									
DATA ENTRY:	iiiii project	101 1110 1	vater anspesar	•11(0) 11000 0			_		
 Changes entered in the Oil and Gas Databas Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS O Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures 	Operator Con: on:		12/31/2102 pread Sheet on 12/31/2012 12/31/2012 12/31/2012	12/31/2012	<u>12/31/2012</u>	-			
BOND VERIFICATION:									
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any state/ The FORMER operator has requested a release LEASE INTEREST OWNER NOTIFICATION OF The NEW operator of the fee well	se of liabili	ity from	their bond on:	N/A	N/A	-			
4. (R649-2-10) The NEW operator of the fee wel of their responsibility to notify all interest own				by a letter fi N/A	roin the Division				
COMMENTS:	or or uns c	mange 0	111	. 1/22					

Navajo Nations Oil Gas Co. (N2550) to NNOGC Exploration Production, LLC (N3930) Effective 8/1/2012

			İ				Well	Well
 Well Name	Sec	TWP	RNG	API	Entity	Lease	Туре	Status
TOHONADLA 26-OSCAR	26			4303750022			OW	APD
TOHONADLA 35-F	35			4303750024		Indian	ow	APD
TOHONADLA 2-G	02			4303750027		Indian	OW	APD
TOHONADLA 2-B	02			4303750028		Indian	OW	APD
TOHONADLA 1-C	01			4303750029		Indian	OW	APD
TOHONADLA 2-BRAVO	02			4303750030		Indian	ow	APD
TOHONADLA 1-F	01			4303750031		Indian	OW	APD
TOHONADLA 2-H	02			4303750032		Indian	OW	APD
TOHONADLA 1-Delta	01			4303750033		Indian	OW	APD
TOHONADLA 35-INDIGO	35			4303750034		Indian	ow	APD
TOHONADLA 35-J	35			4303750035		Indian	OW	APD
UTE CANYON 25G-O	25			4303731913		Indian	OW	DRL
TOHONADLA 35-B	35			4303750023				DRL
UTE CYN 23-INDIGO	23			4303731880		Indian		LA
TOHONADLA 35-P	35	410S	210E	4303731886		Indian	OW	LA
TOHONADLA 1-E	01	420S	210E	4303731887		Indian	OW	LA
TOHONADLA 1-D	01	420S	210E	4303731888		Indian	OW	LA
TOHONADLA 26-O	26	410S	210E	4303731896		Indian	OW	LA
UTE CYN 23-INDIGO	23	410S	210E	4303731911		Indian	OW	LA
NAVAJO TR 23-1	02	420S	210E	4303715540	6230	Indian	OW	P
DESERT CREEK 2	35	410S	230E	4303715868	6270	Indian	OW	P
TOHONADLA 1	35	410S	210E	4303715872	11202	Indian	OW	P
TOHONADLA 23-35	35	410S	210E	4303715874	11202	Indian	OW	P
NAVAJO TRIBAL 23-13	13	400S	240E	4303730971	9420	Indian	OW	P
NAVAJO TRIBAL 14-10	10	400S	240E	4303730977	10130	Indian	OW	P
SAHGZIE 1	05	420S	240E	4303731472	11032	Indian	OW	P
ANASAZI 1	05			4303731478				P
CAJON MESA 8D-1	08	400S	250E	4303731497	11074	Indian		P
MONUMENT 8N-2	08	1	1	4303731509				P
RUNWAY 10G-1	10			4303731515				P
LONE MOUNTAIN CREEK 12F-1	12			4303731545				P
RUNWAY 10E-2	10			4303731550				P
BLUE HOGAN 1J-1	01	420S	230E	4303731562	11161	Indian		P
TOHONADLA 2-35	35		1	4303731568				P
ANASAZI 5L-3	05			4303731572				P
BROWN HOGAN 1A-2	01			4303731573				P
MULE 31K (N)	31			4303731617				P
BURRO 31I	31			4303731708				P
MULE 31M	31			4303731710			OW	P
ANASAZI 6H-1	06			4303731744			OW	P
TOHONADLA 35-P	35			4303750005			ow	P
TOHONADLA 1-E	01			4303750006				P
NAVAJO TRIBAL 41-2	02			4303731041				PA
MONUMENT 17E-2	17			4303731547				S
RUNWAY 10C-5A	10			4303731597				S
UTE CYN 23-P	23	410S	210E	4303731881	17282	Indian	OW	S

NAVAIO NATION OIL & GAS COMPANY

EXPLORATION & PRODUCTION LLC

1675 Broadway, Suite 1100 • Denver, Colorado • 80202

Telephone (303) 534-8300 • FAX (303) 534-1405



September 18, 2012

Utah Division of Oil, Gas and Mining c/o Rachel Medina 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

RECEIVED SEP 1 9 2012

RE: Change of Operator Name and Address for Wells

DIV. OF OIL, GAS & MINING

Dear Rachel.

I am including with this letter several original FORM 9 to change the operator on wells. This probably will be done in two steps.

- 1. (16 wells) Change of Operator from RIM Southwest Corporation to Navajo Nation Oil & Gas Co.
- 2. (Same 16 wells) Change of Operator from Navajo Nation Oil & Gas Co. to NNOGC Exploration and Production, LLC.

We have recently registered our LLC with the State of Utah. The Utah Entity Number for NNOGC Exploration and Production, LLC is: 8399948-0165. Also, a new DOGM No. has been applied for for the LLC.

The name and address change is as follows:

OLD: Navajo Nation Oil & Gas Co.

1675 Broadway, Suite 1100

Denver, CO 80202

(DOGM Operator No. N2550)

NEW: NNOGC Exploration and Production, LLC

1625 Broadway, Suite 1000

Denver, CO 80202

Should you require any additional information please contact me at 303-534-8300.

Sincerely,

Katie Hynes

Associate Landman

Katil Hynor

This space for State use only)	DEC	3 1 2012	RECEIVED
SIGNATURE XULLI	Terminaria PPF	ROVED 4/19	1/12
NAME (PLEASE PRINT) Lauren C	Serminario	TITLE Land Man	ager
Effective Jul	4 10,3010		
•	Bond No. RI	-B0006712	Ť
The new Entity is:	NNOGC Explorati 1625 Broadway, S Denver, CO 802	00	gm No.: <u>3930</u>
-	for the LLC is: 8399948-0165.		
The Navajo Nation Oil an change applies to all well	Is currently operated by DOGN N	entity with the State of Uta	ah. The Operator Name and Address
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FO	
Date of work completion:	CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS	PRODUCTION (START/RESUME RECLAMATION OF WELL SITE) WATER SHUT-OFF OTHER:
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
	CHANGE TO PREVIOUS PLANS CHANGE TUBING	OPERATOR CHANGE PLUG AND ABANDON	TUBING REPAIR VENT OR FLARE
(Submit in Duplicate) Approximate date work will start:	ALTER CASING CASING REPAIR	FRACTURE TREAT NEW CONSTRUCTION	TEMPORARILY ABANDON
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
TYPE OF SUBMISSION	PROPRIATE BOXES TO INDICA	TYPE OF ACTION	
CHECK ADI	PROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE	
QTR/QTR, SECTION, TOWNSHIP, RA			STATE: UTAH
4. LOCATION OF WELL FOOTAGES AT SURFACE: See			county: San Juan
3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1100	Denver STATE CO ZI		
Navajo Nation Oil & Gas	Co.	PHONE NUMBER:	Various 10. FIELD AND POOL, OR WILDCAT:
OIL WELI	GAS WELL OTHER		See Attached 9. API NUMBER:
drill horizonta	laterals. Use APPLICATION FOR PERMIT TO DRILL	torm for such proposals.	8. WELL NAME and NUMBER:
	I new wells, significantly deepen existing wells below cu		Navajo Nation 7. UNIT or CA AGREEMENT NAME:
SUNDR	Y NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	DIVISION OF OIL, GAS AND M		5. LEASE DESIGNATION AND SERIAL NUMBER: See Strached
	STATE OF UTAH DEPARTMENT OF NATURAL RESOU	IDCES	

BY: Rachel Medina (See Instructions on Reverse Side)

DIV. OIL GAS & MINING .

DIV. OF OIL, GAS & MINING

SEP 1 7 2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING					1 -	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached		
SUNDRY NOTICES AND REPORTS ON WELLS						ndian, allottee or tribe name: vajo Nation		
Do	not use this form for proposals to drill r drill horizontal l	new wells, significantly deepen e	existing wells below co	irrent bo	ottom-hole dep	th, reenter plugged wells, or to	7. UN	T or CA AGREEMENT NAME:
	YPE OF WELL OIL WELL			10111710	duoi, proposs		8. WE	ELL NAME and NUMBER:
	AME OF OPERATOR:	Co						NUMBER:
	avajo Nation Oil & Gas (<u> </u>				PHONE NUMBER:		ELD AND POOL, OR WILDCAT:
P.C). Box 5069 _{CIT}	Y Window Rock	STATE AZ	₃ 865	15	(303) 534-8300	Va	rious
	OCATION OF WELL OOTAGES AT SURFACE:						COUN	ту: San Juan
Q.	TR/QTR, SECTION, TOWNSHIP, RAN	√GE, MERIDIAN:					STATE	: UTAH
11.	CHECK APPI	ROPRIATE BOXES	TO INDICA	TE N	ATURE	OF NOTICE, REF	ORT, C	R OTHER DATA
	TYPE OF SUBMISSION				T	YPE OF ACTION		
	NOTICE OF INTENT	ACIDIZE			DEEPEN			REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING			FRACTURE	TREAT		SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR			NEW CONS			TEMPORARILY ABANDON
		CHANGE TO PREVIOU	JS PLANS	<u></u>	OPERATOR		닏	TUBING REPAIR
17 1	OURSES VENT DEDORT	CHANGE TUBING			PLUG AND A			VENT OR FLARE
Z	SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME			PLUG BACK			WATER DISPOSAL
	Date of work completion:	CHANGE WELL STATE				ON (START/RESUME)	닐	WATER SHUT-OFF
		COMMINGLE PRODUC				ON OF WELL SITE	 	OTHER:
		CONVERT WELL TYPE		<u> </u>		TE - DIFFERENT FORMATIC		
12.	DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS.	Clearly show all	pertine	nt details inc	cluding dates, depths, volu	umes, etc.	
to a	e Navajo Nation Oil & G all the wells that have re 550)							and address change applies & Gas Co. (DOGM No.
The	e Utah Entity Number fo	or the LLC is: 8399	948-0165					
No	te: A new DOGM No.	, has been applied fo	or NNOGC E	xplor	ation and	d Production, LLC		
Please see the attached list of wells that will now be operated by: NNOGC Exploration and Production, LLC 1625 Broadway, Suite 1000 Denver, CO 80202								
All	of these wells are cove	red by Bond No. RL	.B0006712					
E£	fective: Aug	1,3012		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
NAME	(PLEASE PRIMI) Lauren Ge	rminario			TITLE	Land Manager		The contribution of the co
		kuminaw	-		DATE	9/18/2012		
This sp	ace for State use only)	PROVED	<u> </u>					proeiveo

DIV. OIL GAS & MINING BY: Rachel Medina SEP 1 C 2002

Sundry Number: 60068 API Well Number: 43037500050000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9		
	5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-229				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO				
	oposals to drill new wells, significantly dec reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: TOHONADLA 35-P		
2. NAME OF OPERATOR: NNOGC EXPLORATION & PR	RODUCTION, LLC		9. API NUMBER: 43037500050000		
3. ADDRESS OF OPERATOR: 1625 Broadway, Suite 1000		IONE NUMBER: 03 910-9525 Ext	9. FIELD and POOL or WILDCAT: TOHONADLA		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1219 FSL 0722 FEL			COUNTY: SAN JUAN		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 3	HIP, RANGE, MERIDIAN: 5 Township: 41.0S Range: 21.0E Meridian:	s	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
We would like to regas from the Toho infrastructure. The production. Ventin	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all pequest to continue venting the conadla Tank Battery due to lack se oil wells have been venting is expected to continue until appropriate infrastructure is gathering.	produced of sales since first la right of in place for By: Ma	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Vent Depths, volumes, etc. Cepted by the ah Division of Gas and Mining ACC 04, 2015		
NAME (PLEASE PRINT)	PHONE NUMBER				
Racheal Dahozy SIGNATURE	928-871-4880	Regulatory Analyst DATE			
N/A		1/22/2015			

Sundry Number: 60068 API Well Number: 43037500050000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43037500050000

Under the the amount allowed (1800 mcf/month) by rule R649-3-20. Approval required if amount goes above 1800 mcf/month.

RECEIVED: Mar. 04, 2015

Sundry Number: 60068 API Well Number: 43037500050000

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

5. Lease Serial No. 14-20-603-229

SUNDRY NOTICES AND REPO Do not use this form for proposals to	drill or to re-enter an	NAVAJO	The Name
abandoned well. Use Form 3160-3 (A)	the state of the state of the	7. If Unit of CA/Agreem	ent, Name and/or No.
I. Type of Well ☐ Gas Well ☐ Other		8. Well Name and No. VARIOUS	
2. Name of Operator NNOGC EXPLORATION AND PRODUCTION, LLC		9. API Well No. VARIOUS	
NNOGC EXPLORATION AND PRODUCTION, LLC 3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Ex	ploratory Area
P.O. BOX 4439 WINDOW ROCK, AZ 86511	928-871-4880	TOHONADLA 11. Country or Parish, S	tota
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description		SAN JUAN COUNTY	
SECTION 35 TOWNSHIP 41 SOUTH, RANGE 21 EAST 12. CHECK THE APPROPRIATE BO	NAMES TO INDICATE NATURE OF N	NOTICE, REPORT OR OTHE	R DATA
12. CHECK THE APPROPRIATE BC		ACTION	
TYPE OF SUBMISSION		Production (Start/Resume)	Water Shut-Off
✓ Notice of Intent Acidize Alter Casing	Deepen Fracture Treat	Reclamation	Well Integrity
Subsequent Report Casing Repair	New Construction	Recomplete	Other VENT
Change Plans	Plug and Abandon Plug Back	Temporarily Abandon Water Disposal	
13. Describe Proposed or Completed Operation: Clearly state all pethe proposal is to deepen directionally or recomplete horizontal		ing data of any proposed ivork	and approximate duration thereof. If
Attach the Bond under which the work will be performed or proceed to the involved operations. If the operations has been completed. Final Abandonment Notices must determined that the site is ready for final inspection.) WE WOULD LIKE TO REQUEST TO CONTINUE VENTING OF SALES INFRASTRUCTURE. THESE OIL WELLS HAVE UNTIL A RIGHT OF WAY IS APPROVED AND APPROPRIATION.	THE PRODUCED GAS FROM THE BEEN VENTING SINCE FIRST PR ITE INFRASTRUCTURE IS IN PLA	E TOHONADLA TANK BAT RODUCTION. VENTING IS E CE FOR GATHERING.	TERY DUE TO LACK
THE WELLS CONNECTED TO THE TANK BATTERY AND/	OR ON THE 14-20-603-229 LEASE	ANL.	
TOHONADLA 2-35 43-037-31564 FIRST TOHONADLA 23-35 43-037-15874 FIRST TOHONADLA #1 43-037-15872 FIRST	PRODUCTION 12/2010 PRODUCTION 7/1991 PRODUCTION 11/1958 PRODUCTION 7/1958 PRODUCTION 3/2013		-014
, 1)			
14. I hereby certify that the foregoing is true and correct. Name (Prin			
RICHARD A. FERRIS	Title CHIEF OPE	RATIONS ENGINEER	
Signature Richard A. Ferrin	Date 03/11/2014		
THIS SPAC	E FOR FEDERAL OR STAT	E OFFICE USE	
Conditions of approval, if any are attached. Approval of this notice d that the applicant holds legal or equitable title to those rights in the substitute the applicant to conduct operations thereon.	offect lease which would	etr. Eng.	Date 4 29/14
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make	it a crime for any person knowingly and v	villfully to make to any departme	nt or agency of the United States any false,

(Instructions on page 2)

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.